

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043981.D
 Acq On : 9 Jan 2020 1:15
 Operator : JU
 Sample : L1017-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Manual Integrations
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 1/9/2020 12:10:10 PM

Quant Time: Jan 09 07:19:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	120866	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	484782	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	314105	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	666585	20.00	ng	0.00
76) Chrysene-d12	21.58	240	579241	20.00	ng	-0.01
87) Perylene-d12	24.69	264	662054	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	978329	148.62	ng	0.00
7) Phenol-d6	7.12	99	1348973	146.61	ng	0.00
23) Nitrobenzene-d5	9.11	82	794906	87.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	511865	155.72	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1674192	96.57	ng	-0.01
79) Terphenyl-d14	19.95	244	2376787	105.00	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	119430	41.611	ng	# 46
3) Pyridine	3.85	79	315127	37.166	ng	94
4) n-Nitrosodimethylamine	3.74	42	165687	43.891	ng	100
6) Aniline	7.28	93	152463	12.615	ng	94
8) 2-Chlorophenol	7.52	128	389244	50.369	ng	98
9) Benzaldehyde	7.08	77	196381	33.346	ng	97
10) Phenol	7.15	94	476828	50.296	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	368880	45.076	ng	98
12) 1,3-Dichlorobenzene	7.85	146	368446	40.743	ng	100
13) 1,4-Dichlorobenzene	7.99	146	372646	41.763	ng	99
14) 1,2-Dichlorobenzene	8.31	146	358389	41.846	ng	99
15) Benzyl Alcohol	8.19	79	345742	47.610	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	509752	40.263	ng	98
17) 2-Methylphenol	8.40	107	347040	50.585	ng	99
18) Hexachloroethane	9.04	117	139233	40.102	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	297723	43.448	ng	98
20) 3+4-Methylphenols	8.73	107	472261	49.345	ng	99
22) Acetophenone	8.78	105	539047	44.726	ng	# 98
24) Nitrobenzene	9.15	77	412683	45.980	ng	99
25) Isophorone	9.68	82	813081	47.825	ng	99
26) 2-Nitrophenol	9.86	139	223603	52.658	ng	97
27) 2,4-Dimethylphenol	9.93	122	376053	58.832	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	509110	44.917	ng	99
29) 2,4-Dichlorophenol	10.40	162	389807	51.125	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	375489	43.922	ng	96
31) Naphthalene	10.80	128	1112888	47.439	ng	100
32) Benzoic acid	10.06	122	115555m	25.565	ng	
33) 4-Chloroaniline	10.92	127	28085	2.510	ng	97
34) Hexachlorobutadiene	11.10	225	213793	40.959	ng	99
35) Caprolactam	11.68	113	151647m	53.427	ng	
36) 4-Chloro-3-methylphenol	12.04	107	430151	52.995	ng	98
37) 2-Methylnaphthalene	12.41	142	839817	47.550	ng	99
38) 1-Methylnaphthalene	12.63	142	803576	48.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	400078	43.456	ng	99

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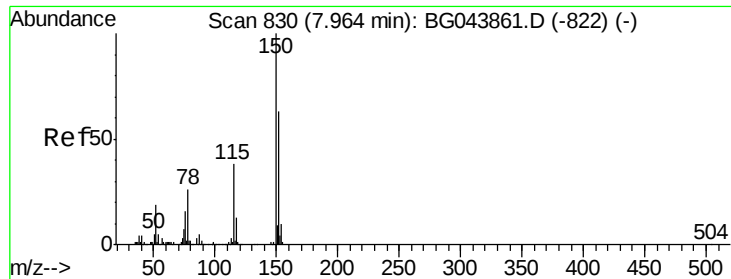
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	460887	96.562	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	317374	50.100	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	342200	52.376	ng	98
46) 1,1'-Biphenyl	13.42	154	1071618	47.583	ng	99
47) 2-Chloronaphthalene	13.46	162	834727	45.869	ng	99
48) 2-Nitroaniline	13.66	65	273183	46.667	ng	98
49) Acenaphthylene	14.31	152	1324877	50.652	ng	99
50) Dimethylphthalate	14.04	163	1101178	49.374	ng	99
51) 2,6-Dinitrotoluene	14.16	165	257171	51.017	ng	95
52) Acenaphthene	14.65	154	850018	46.340	ng	98
53) 3-Nitroaniline	14.48	138	53552	9.355	ng	97
54) 2,4-Dinitrophenol	14.69	184	174708	68.850	ng	97
55) Dibenzofuran	14.99	168	1258626	49.844	ng	99
56) 4-Nitrophenol	14.80	139	480118	109.450	ng	95
57) 2,4-Dinitrotoluene	14.95	165	357313	52.093	ng	99
58) Fluorene	15.63	166	1005100	50.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	301541	53.673	ng	98
60) Diethylphthalate	15.41	149	1118755	50.153	ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	527521	48.540	ng	99
62) 4-Nitroaniline	15.65	138	249591	44.152	ng	94
63) Azobenzene	15.92	77	1034958	50.028	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	163741	47.706	ng	97
66) n-Nitrosodiphenylamine	15.84	169	965360	49.178	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	346238	46.183	ng	99
68) Hexachlorobenzene	16.64	284	368682	45.639	ng	98
69) Atrazine	16.79	200	373909	58.599	ng	99
70) Pentachlorophenol	16.98	266	412321	92.591	ng	99
71) Phenanthrene	17.37	178	1603824	50.162	ng	99
72) Anthracene	17.47	178	1651611	52.269	ng	99
73) Carbazole	17.73	167	1539296	52.738	ng	99
74) Di-n-butylphthalate	18.30	149	1840361	49.385	ng	100
75) Fluoranthene	19.38	202	1837718	50.258	ng	99
77) Benzidine	19.56	184	152814	10.496	ng	96
78) Pyrene	19.74	202	1866943	49.378	ng	99
80) Butylbenzylphthalate	20.63	149	891477	49.524	ng	98
81) Benzo(a)anthracene	21.56	228	1784538	49.685	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	206320	14.540	ng	97
83) Chrysene	21.63	228	1719166	50.374	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1256377	50.584	ng	99
85) Di-n-octyl phthalate	22.67	149	2138344	51.211	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2250336	48.519	ng	# 92
88) Benzo(b)fluoranthene	23.72	252	1886783	48.207	ng	100
89) Benzo(k)fluoranthene	23.78	252	1885062	50.648	ng	99
90) Benzo(a)pyrene	24.56	252	1762465	47.711	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	1829581	49.316	ng	99
92) Benzo(g,h,i)perylene	29.35	276	1860478	50.487	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

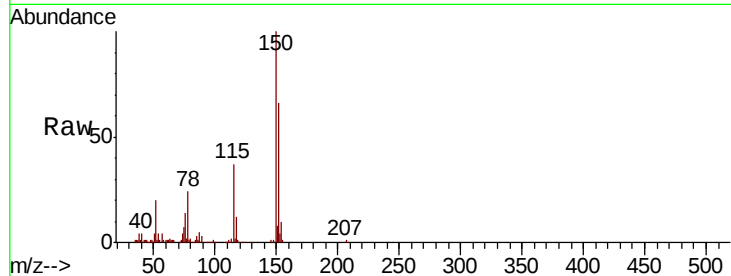
ClientSampleId :

TR-04-010620MS

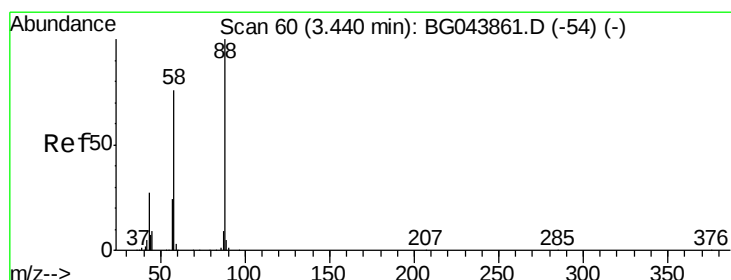
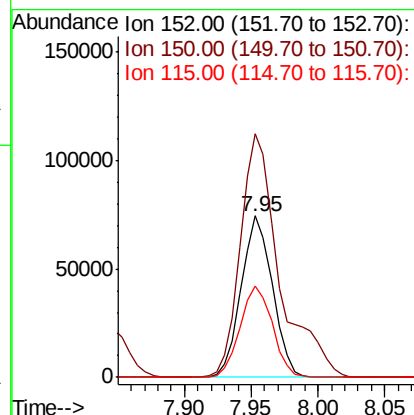
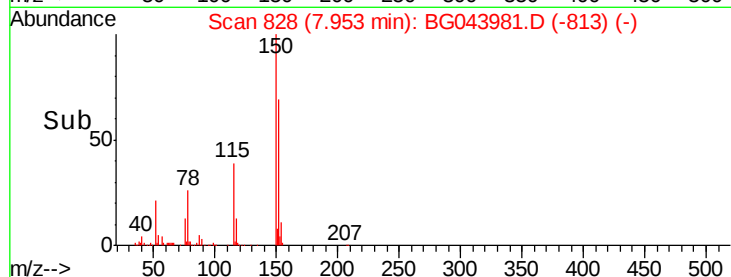
Tot Ion:	152	Resp:	120866
Ion Ratio	Lower	Upper	
152	100		
150	151.1	127.0	190.4
115	56.4	47.8	71.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.611 ng

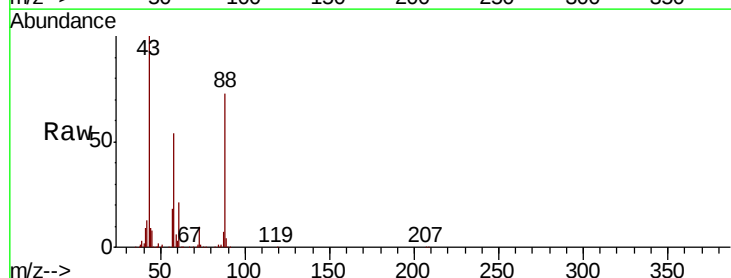
RT: 3.45 min Scan# 61

Delta R.T. 0.01 min

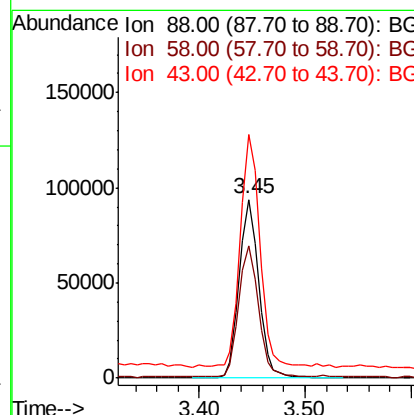
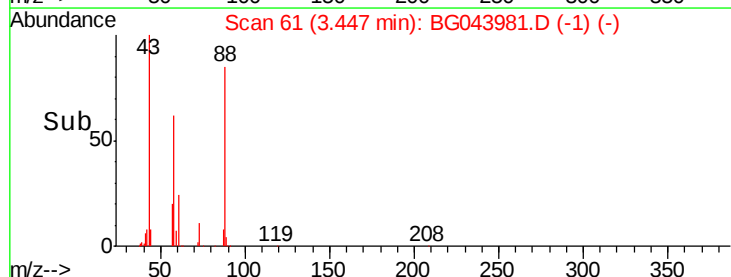
Lab File: BG043981.D

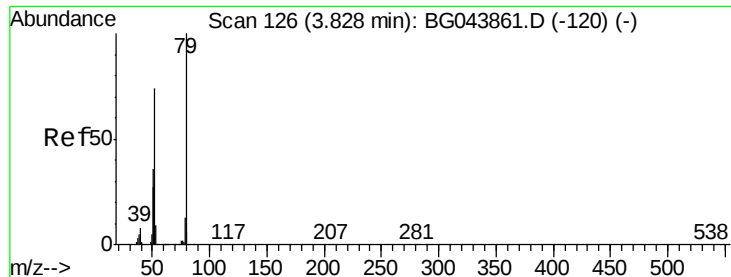
Acq: 9 Jan 2020 1:15

Tgt Ion:	88	Resp:	119430
Ion Ratio	Lower	Upper	
88	100		
58	74.5	59.8	89.8
43	131.9	22.9	34.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.166 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

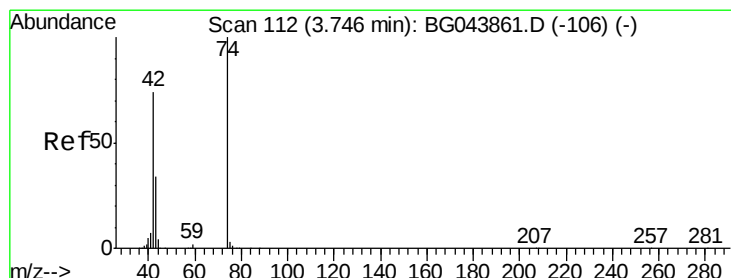
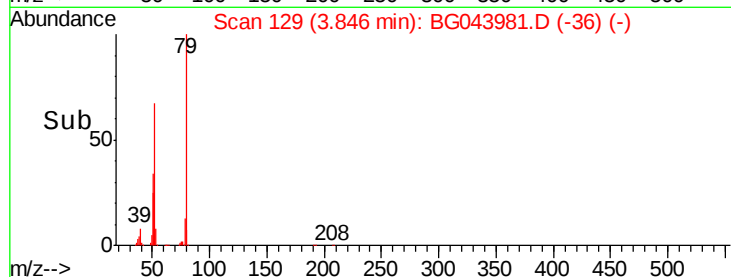
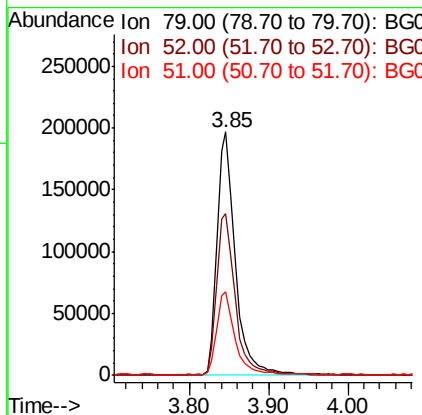
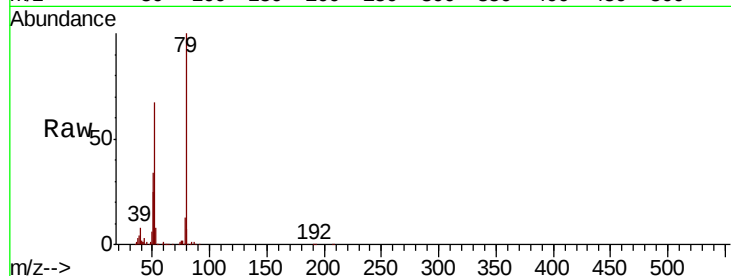
ClientSampleId :

TR-04-010620MS

Tot Ion:	79	Resp:	315127
Ion Ratio	Lower	Upper	
79	100		
52	66.7	58.9	88.3
51	34.4	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 43.891 ng

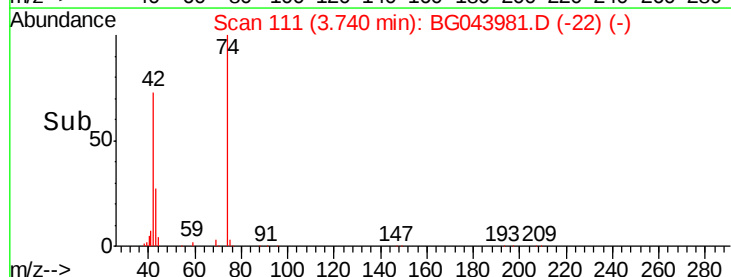
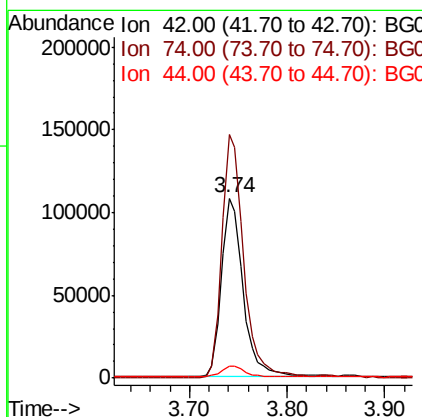
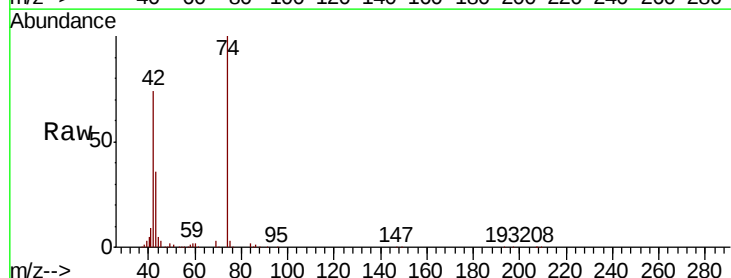
RT: 3.74 min Scan# 111

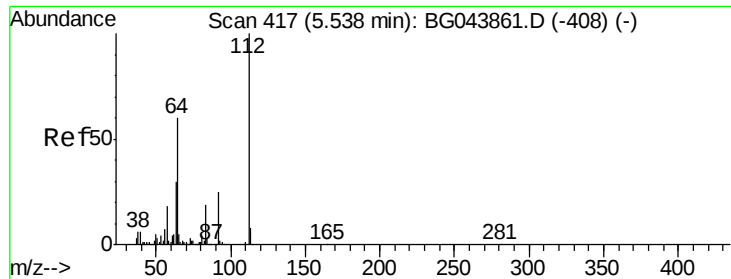
Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	42	Resp:	165687
Ion Ratio	Lower	Upper	
42	100		
74	135.3	108.6	162.8
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 148.622 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

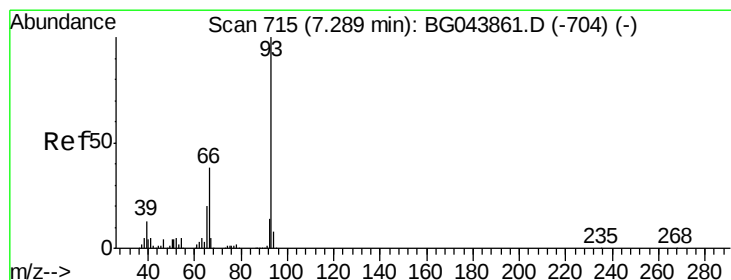
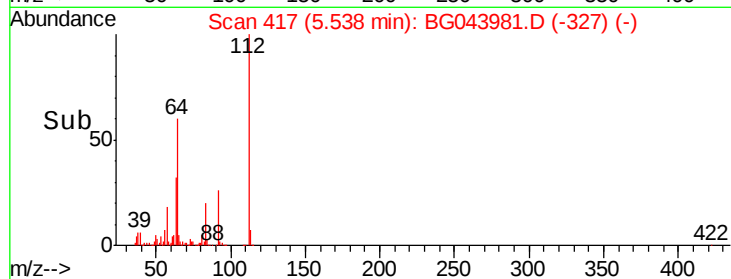
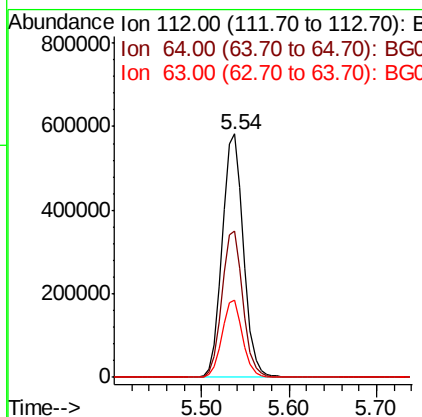
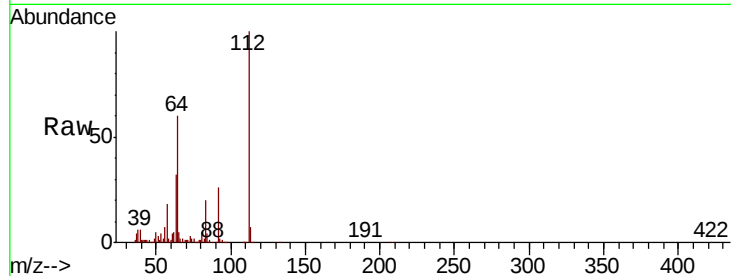
ClientSampleId :

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Tot Ion:	112	Resp:	978329
Ion Ratio	Lower	Upper	
112	100		
64	60.2	47.8	71.6
63	31.9	24.3	36.5

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#6

Aniline

Concen: 12.615 ng

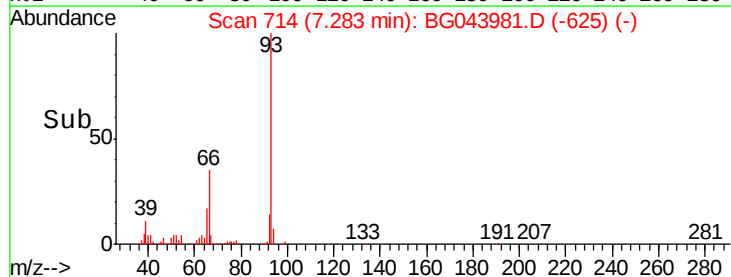
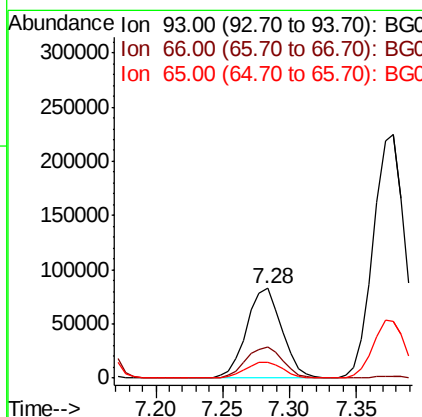
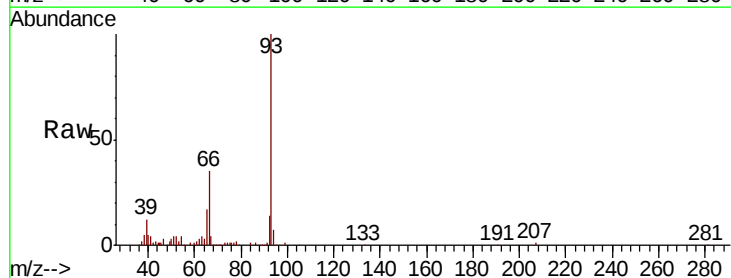
RT: 7.28 min Scan# 714

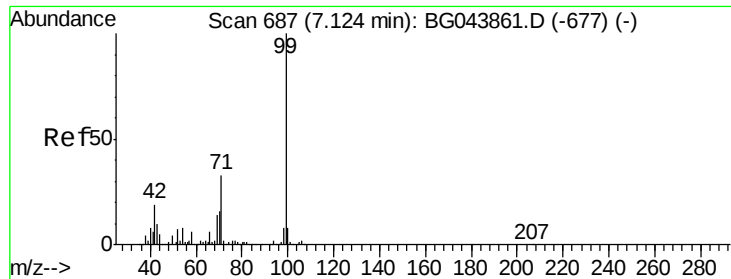
Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	93	Resp:	152463
Ion Ratio	Lower	Upper	
93	100		
66	35.0	30.8	46.2
65	17.1	16.0	24.0





#7

Phenol-d6

Concen: 146.605 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

Tot Ion: 99 Resp: 1348973

Ion Ratio Lower Upper

99 100

42 19.2 14.9 22.3

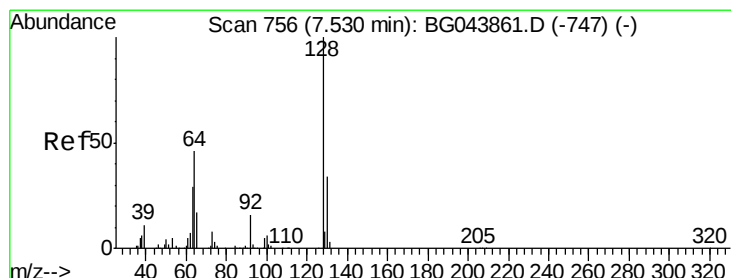
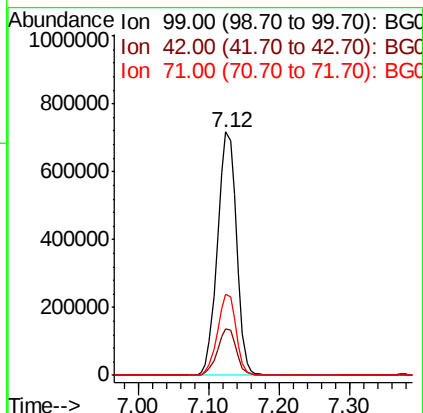
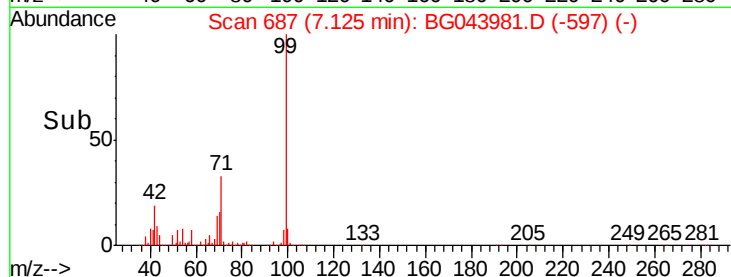
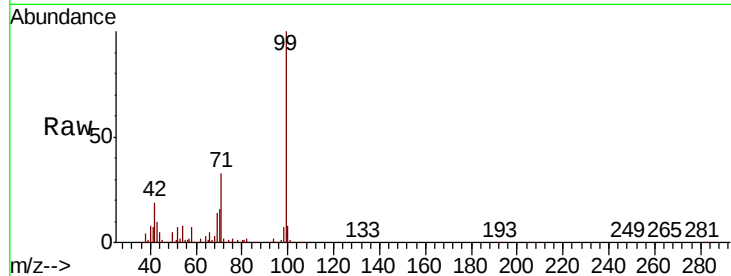
71 33.1 26.4 39.6

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#8

2-Chlorophenol

Concen: 50.369 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

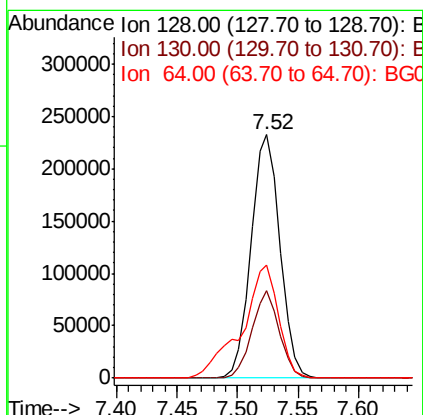
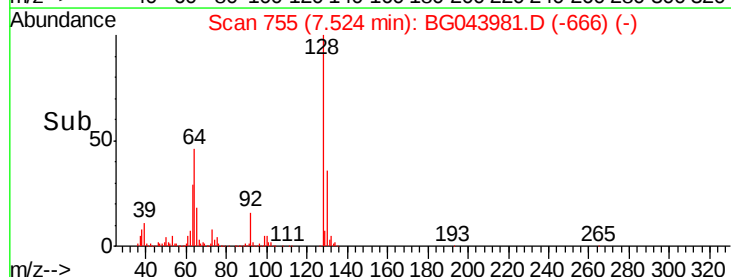
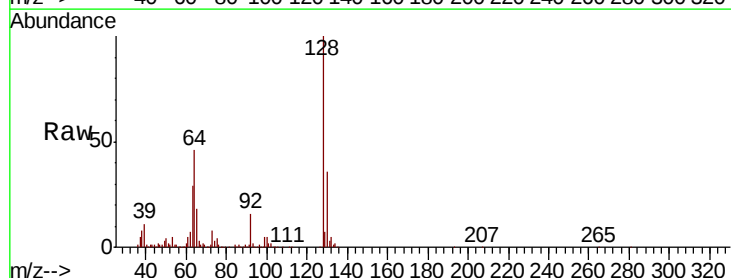
Tgt Ion: 128 Resp: 389244

Ion Ratio Lower Upper

128 100

130 35.7 13.8 53.8

64 46.3 27.6 67.6





#9

Benzaldehyde

Concen: 33.346 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

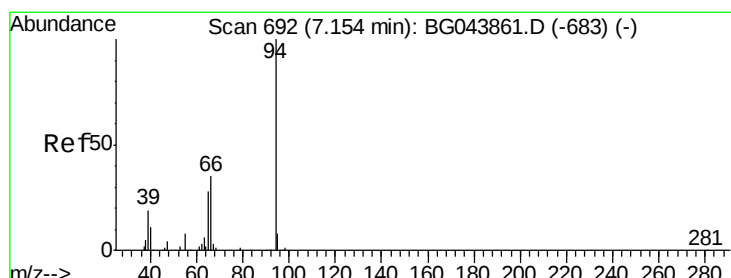
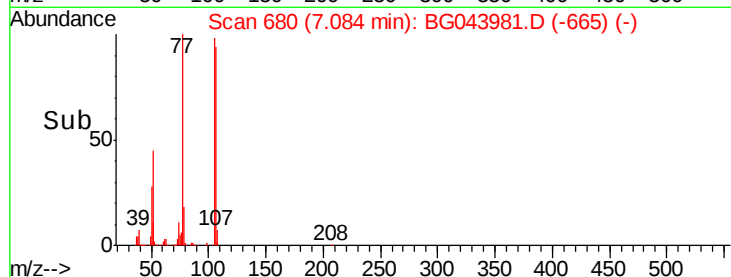
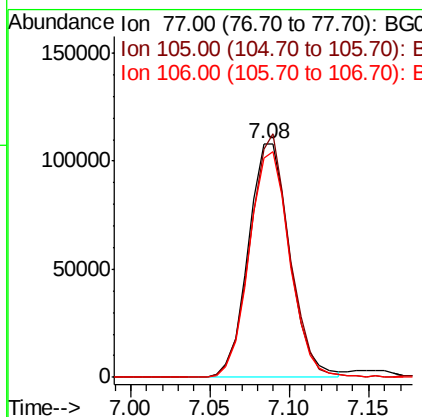
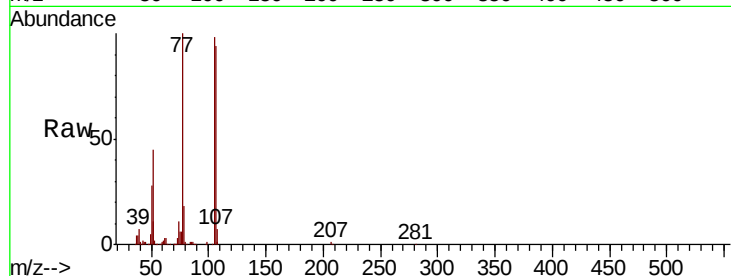
ClientSampleId :

TR-04-010620MS

Tot Ion:	77	Resp:	196381
Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.2	120.2
106	94.2	77.2	117.2

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#10

Phenol

Concen: 50.296 ng

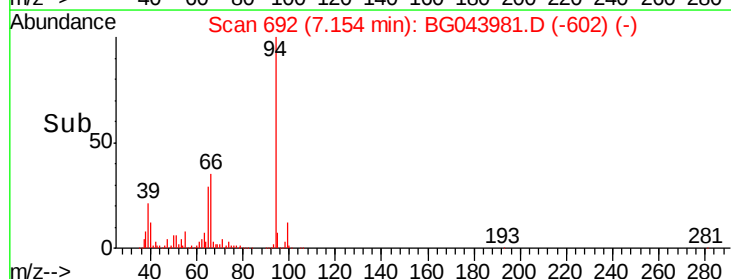
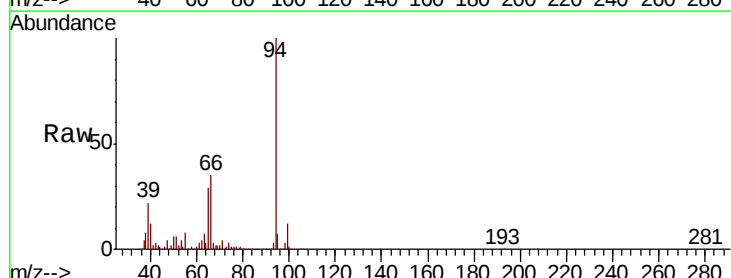
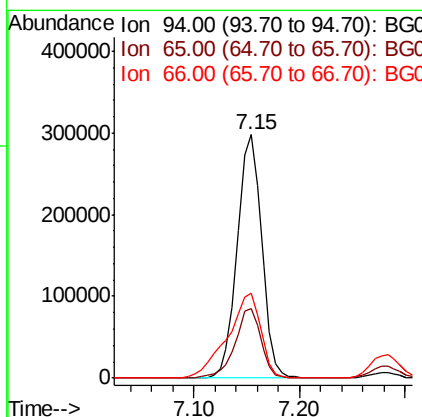
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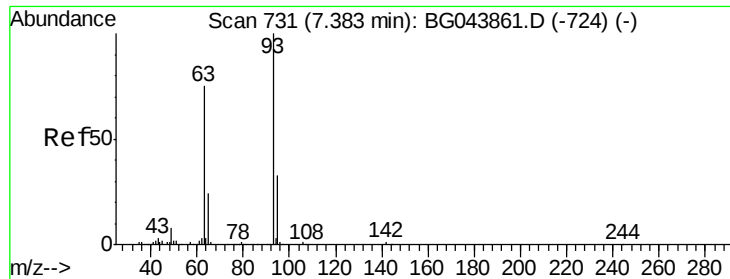
Delta R.T. 0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	94	Resp:	476828
Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.1	48.1
66	34.8	15.6	55.6





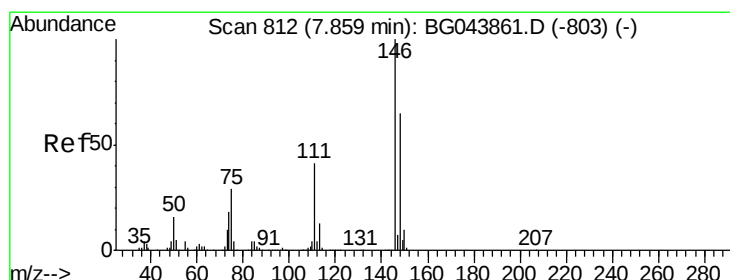
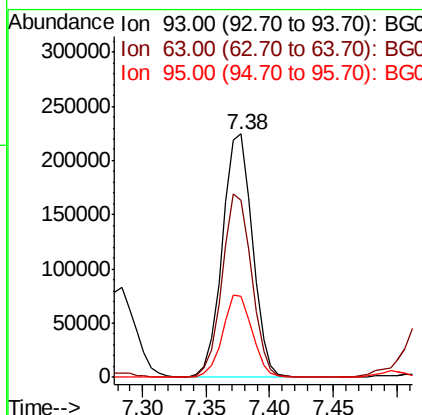
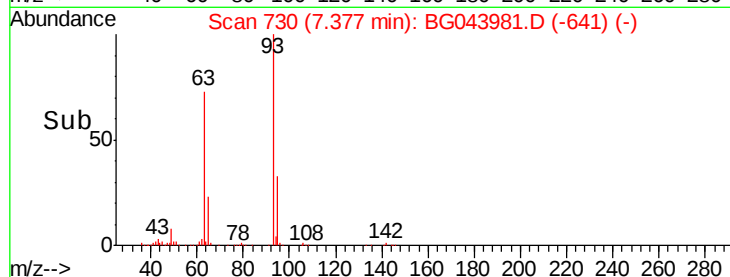
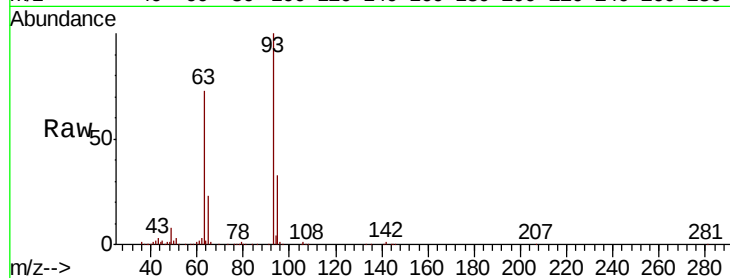
#11
bis(2-Chloroethyl)ether
Concen: 45.076 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.7	55.0	95.0	
95	33.0	13.3	53.3	

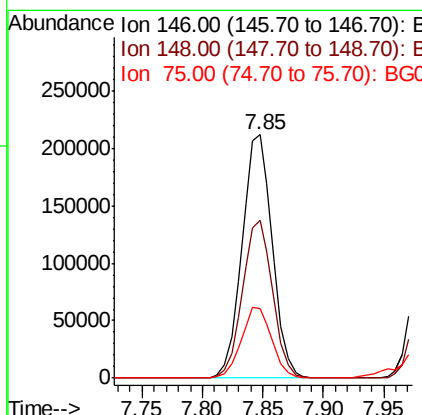
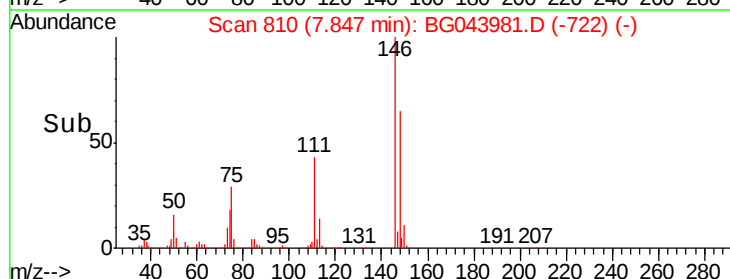
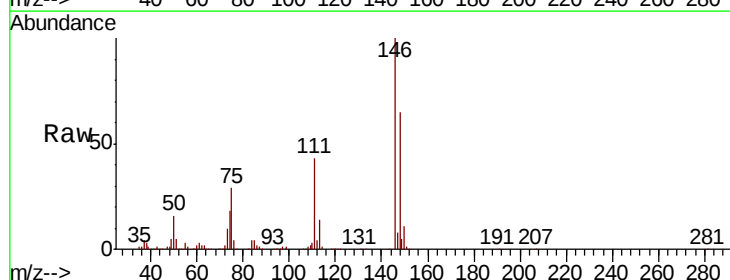
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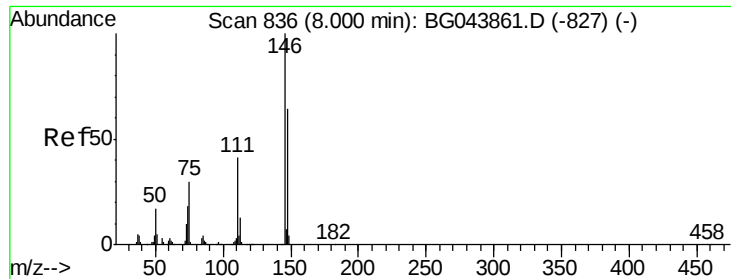
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.743 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.7	52.1	78.1	
75	28.6	23.0	34.4	





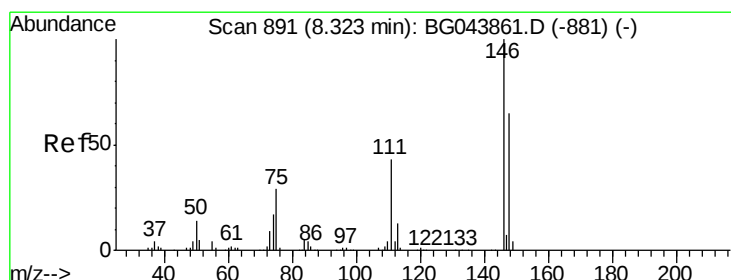
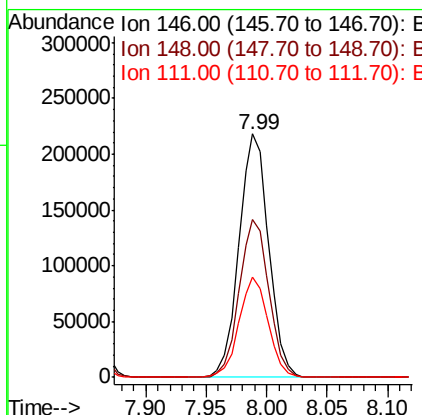
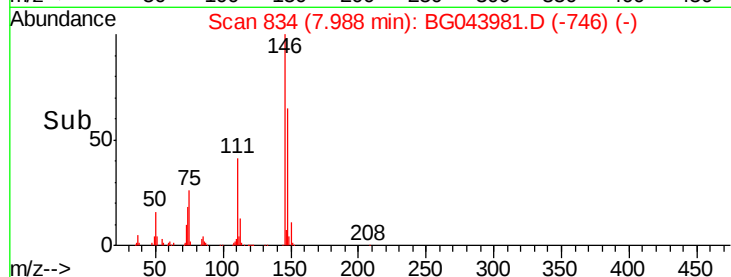
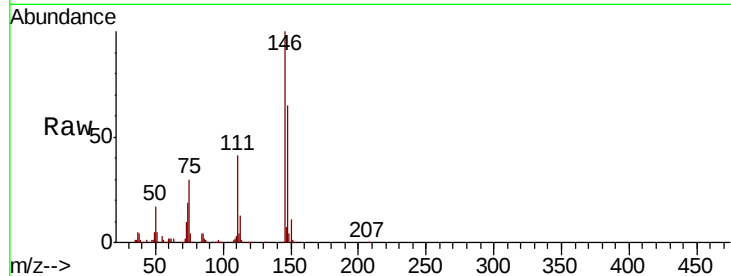
#13
 1,4-Dichlorobenzene
 Concen: 41.763 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	41.3	33.1	49.7

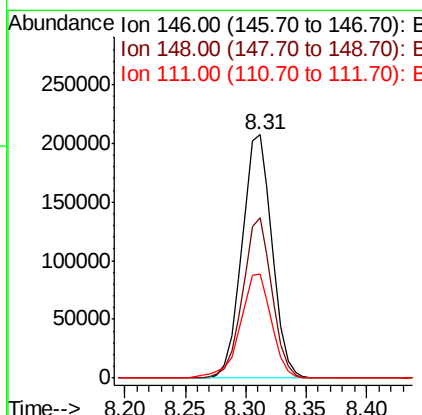
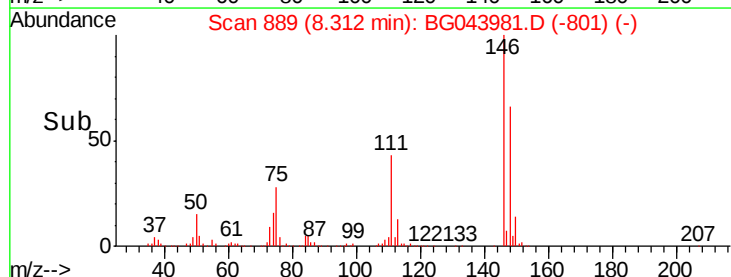
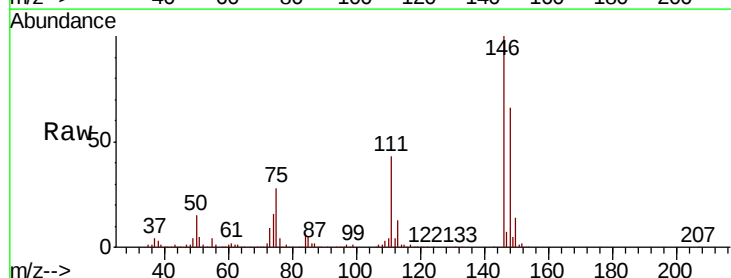
Manual Integrations
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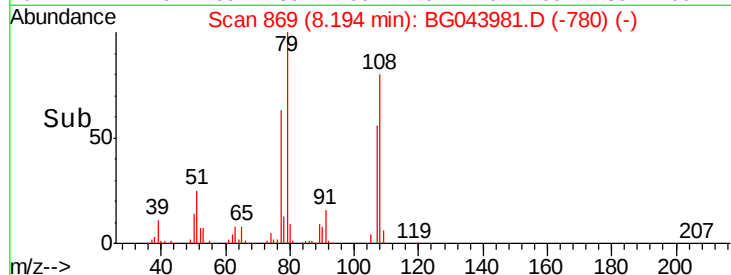
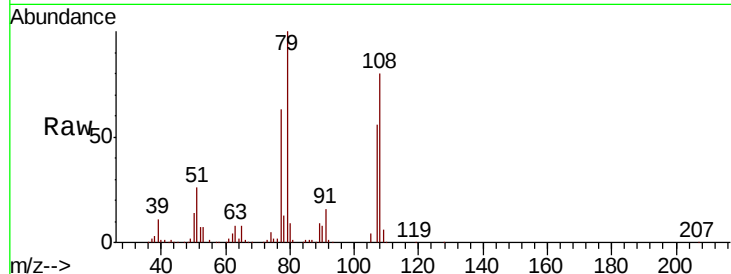
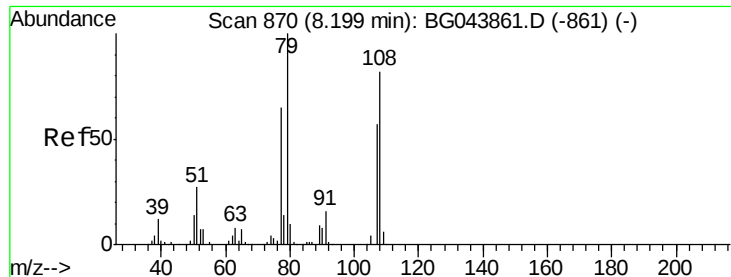
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#14
 1,2-Dichlorobenzene
 Concen: 41.846 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.7	77.5
111	42.6	34.4	51.6





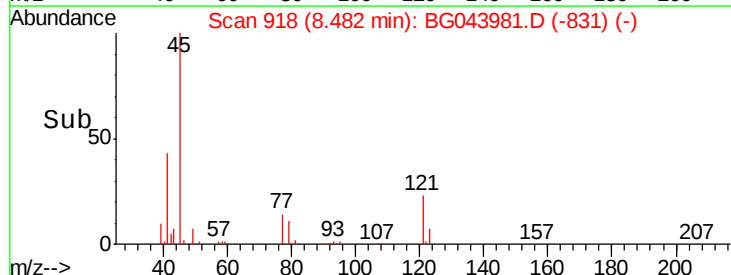
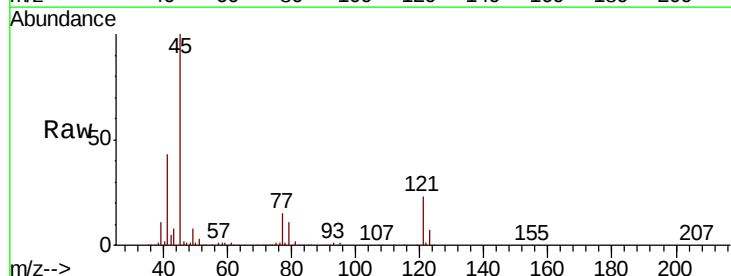
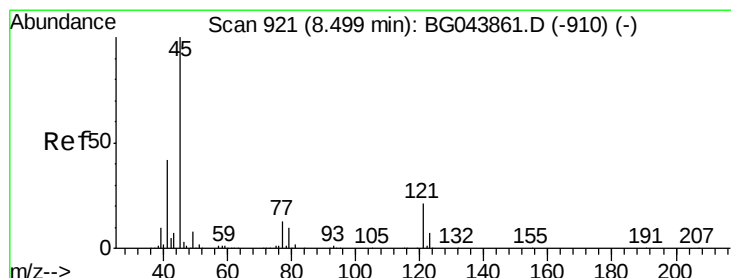
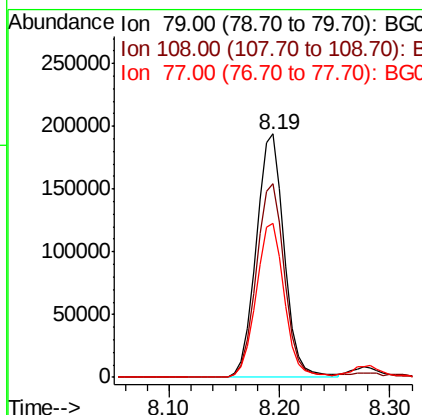
#15
Benzyl Alcohol
Concen: 47.610 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	65.6	98.4
77	63.2	52.0	78.0

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

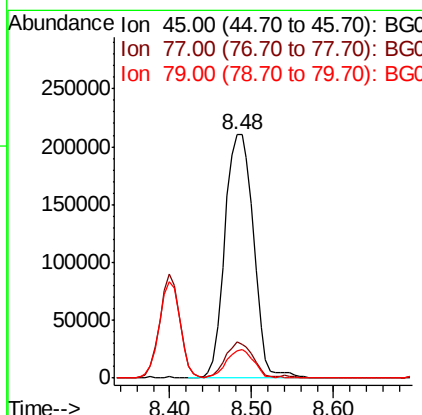
Manual Integrations
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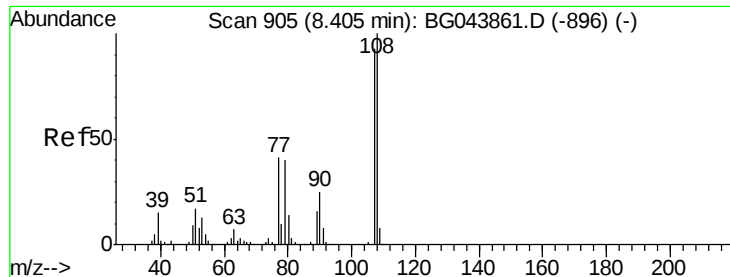
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.263 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	33.8
79	11.2	0.0	31.0





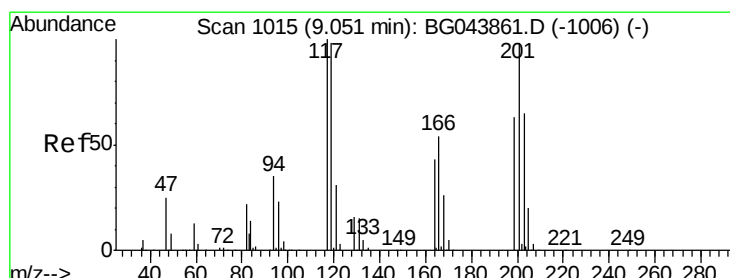
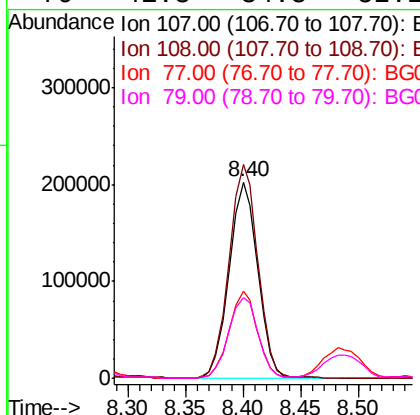
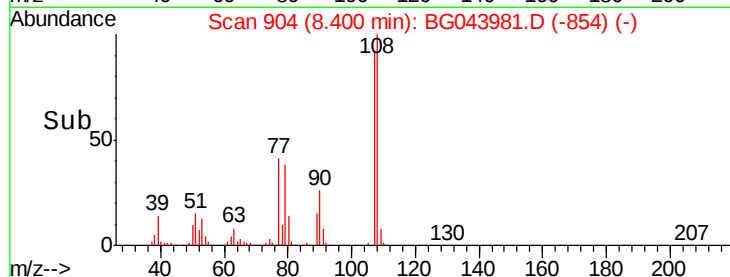
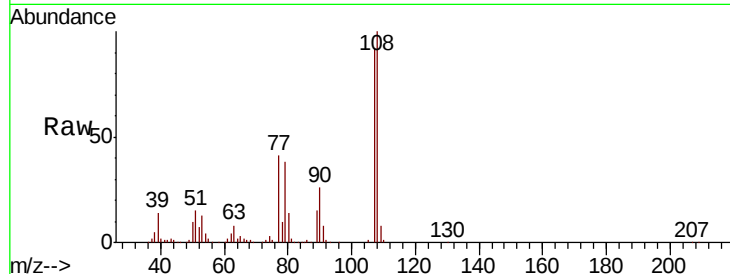
#17
2-Methylphenol
Concen: 50.585 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	86.1	129.1	
77	44.2	35.4	53.0	
79	41.3	34.8	52.2	

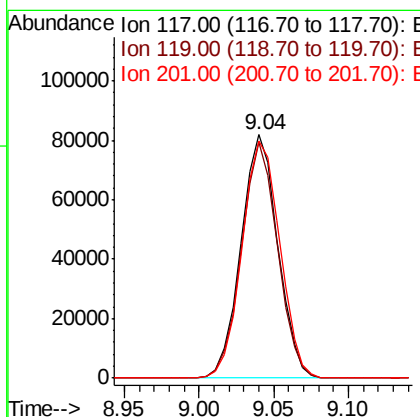
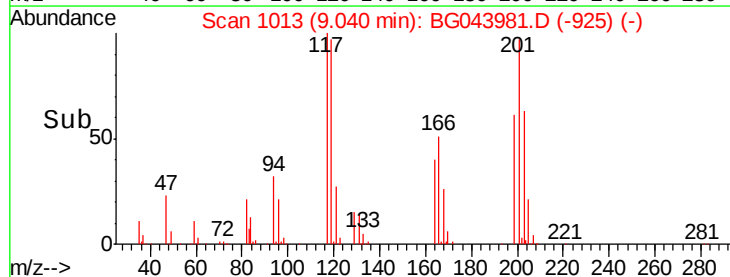
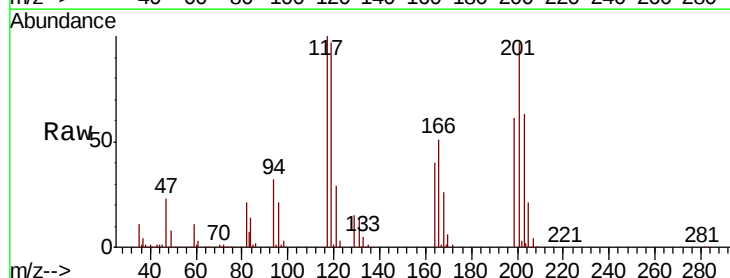
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#18
Hexachloroethane
Concen: 40.102 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.1	117.1	
201	97.5	78.6	117.8	





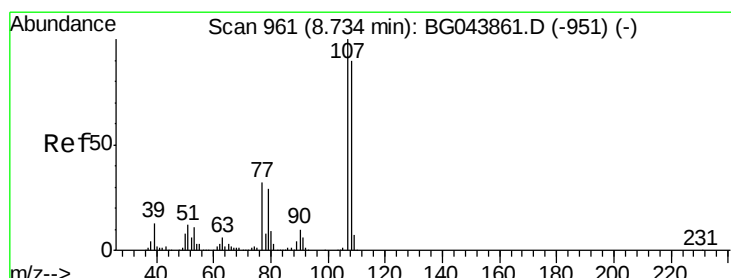
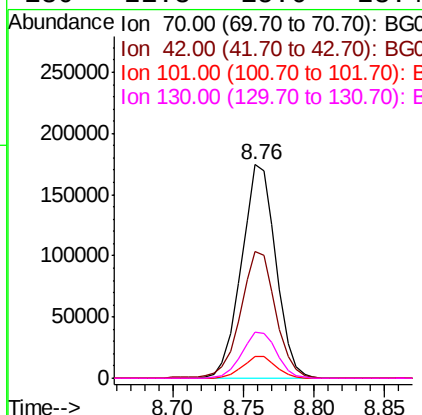
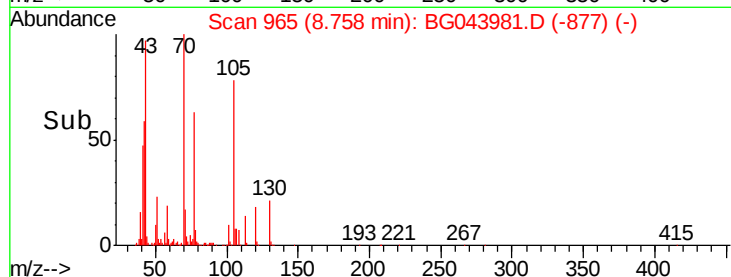
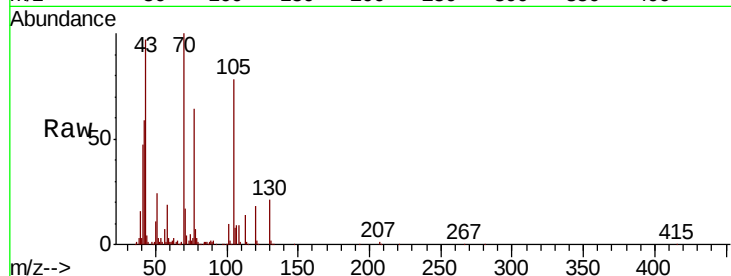
#19
n-Nitroso-di-n-propylamine
Concen: 43.448 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	47.0	70.4	
101	10.2	7.2	10.8	
130	21.3	15.6	23.4	

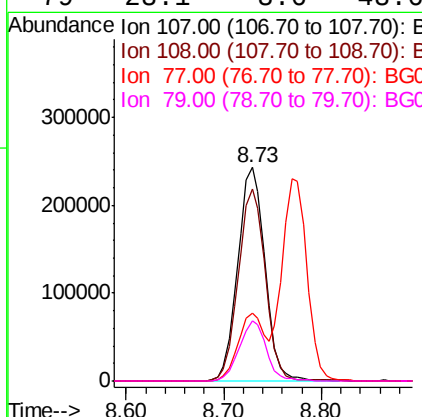
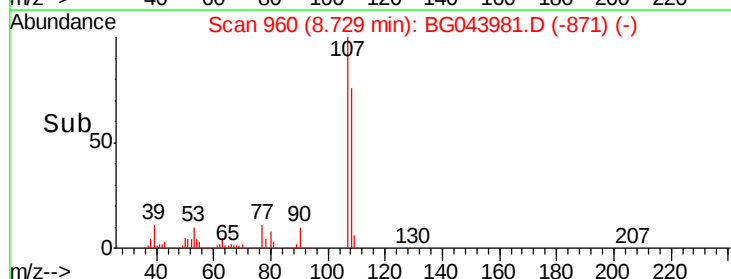
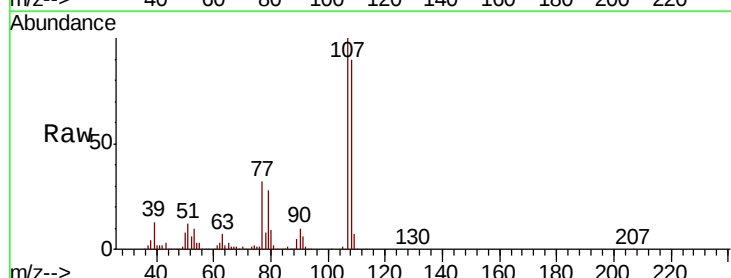
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#20
3+4-Methylphenols
Concen: 49.345 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	70.3	110.3	
77	32.0	12.4	52.4	
79	28.1	8.6	48.6	





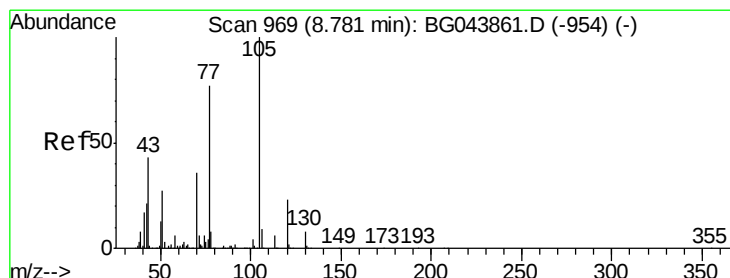
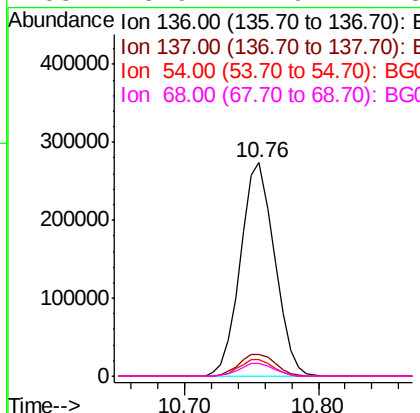
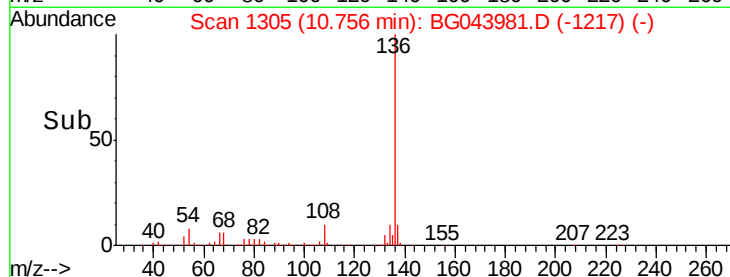
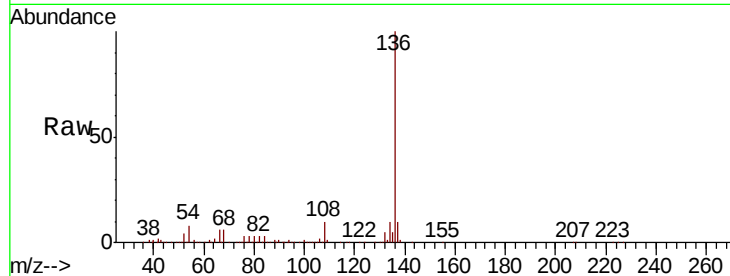
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		484782		
137	10.5		8.8	13.2	
54	7.9		7.0	10.4	
68	5.9		4.9	7.3	

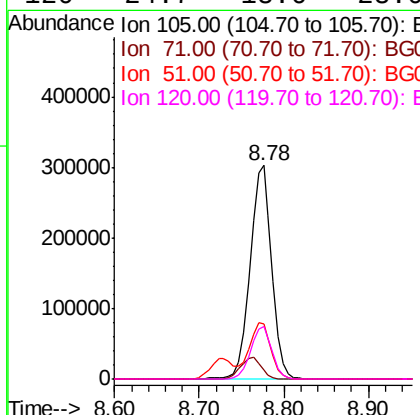
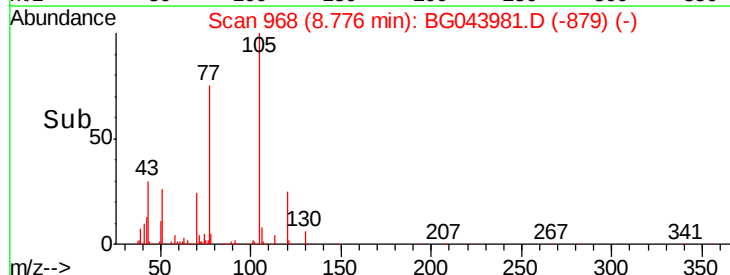
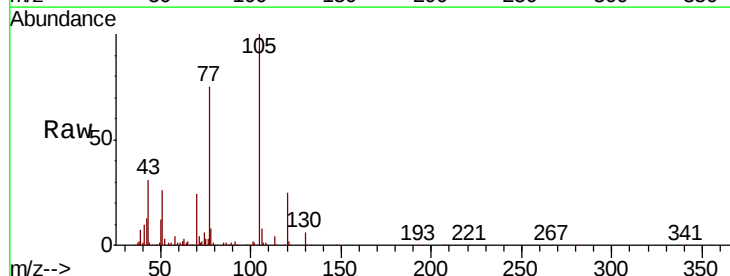
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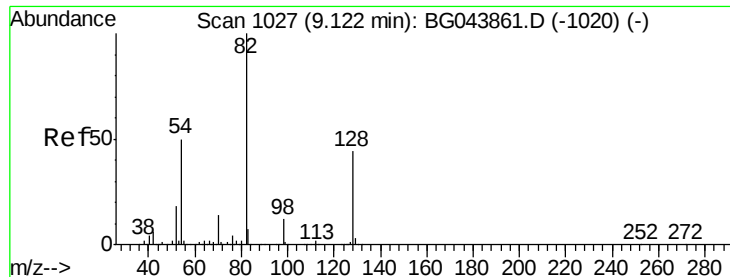
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#22
Acetophenone
Concen: 44.726 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		539047		
71	3.9		4.8	7.2#	
51	26.1		21.4	32.0	
120	24.7		18.6	28.0	





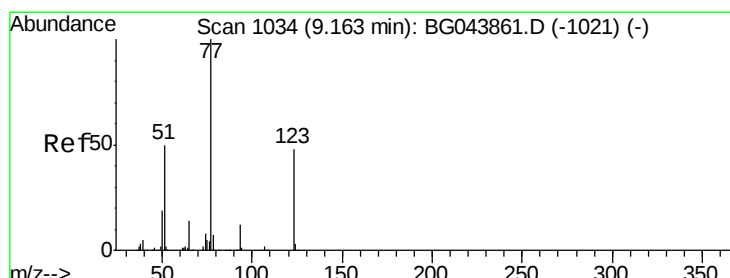
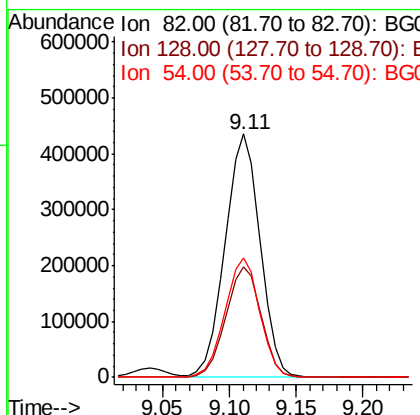
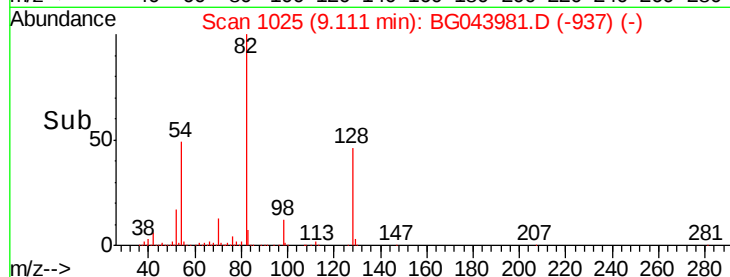
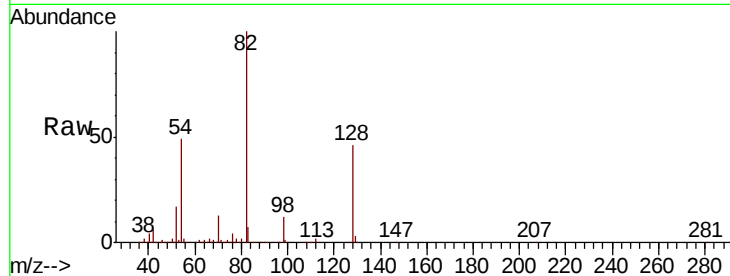
#23
Nitrobenzene-d5
Concen: 87.718 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	35.1	52.7	
54	49.0	40.1	60.1	

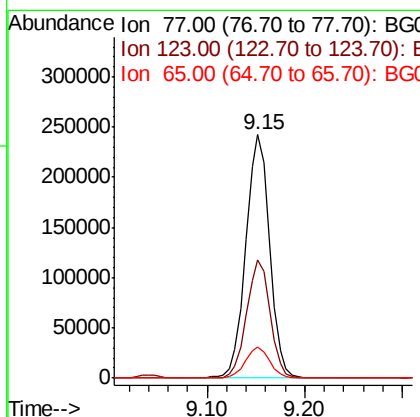
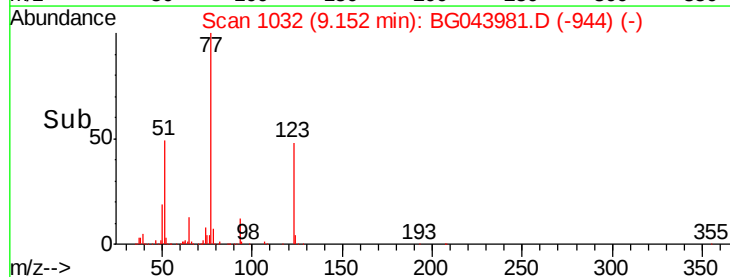
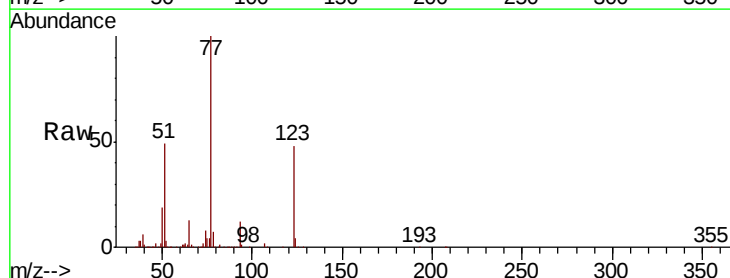
Manual Integrations
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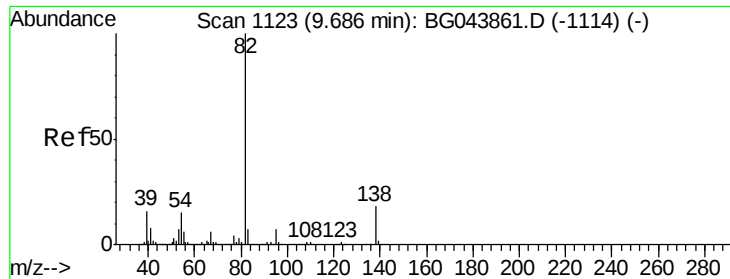
mohammad
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#24
Nitrobenzene
Concen: 45.980 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.4	38.7	58.1	
65	13.0	11.1	16.7	





#25

Isophorone

Concen: 47.825 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

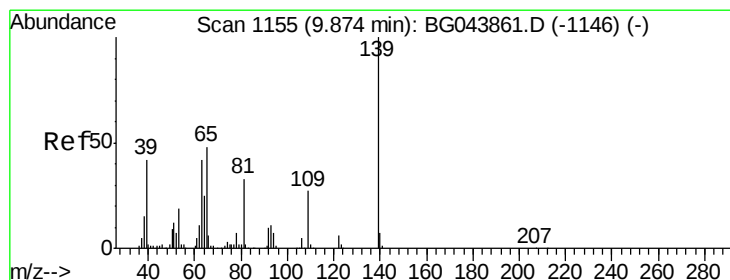
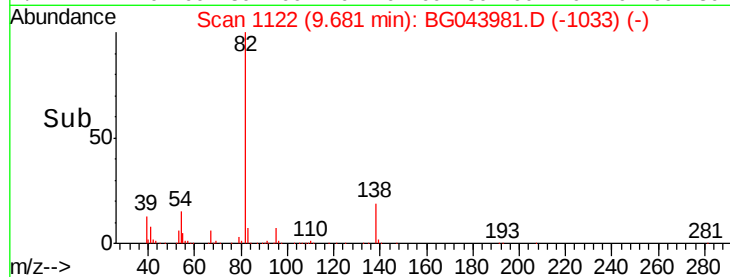
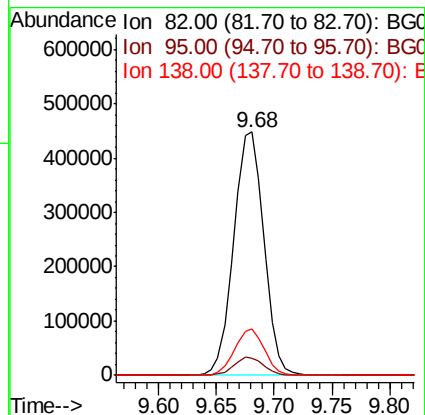
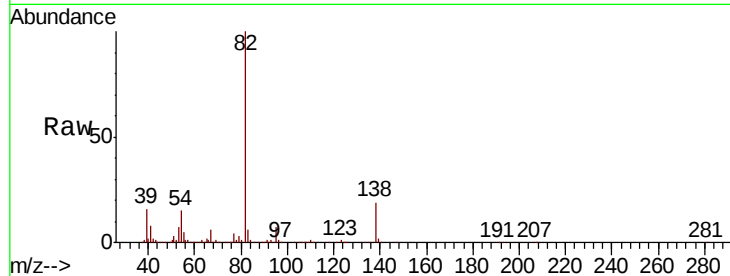
ClientSampleId :

TR-04-010620MS

Tot Ion:	82	Resp:	813081
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	19.0	14.6	22.0

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#26

2-Nitrophenol

Concen: 52.658 ng

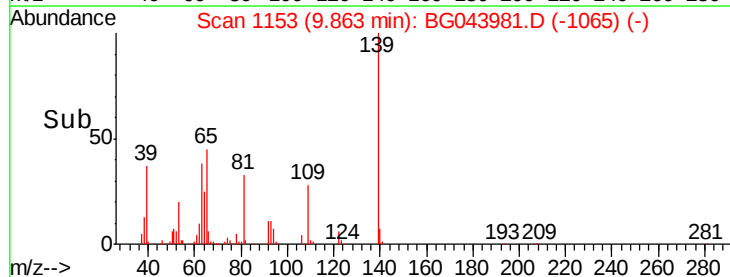
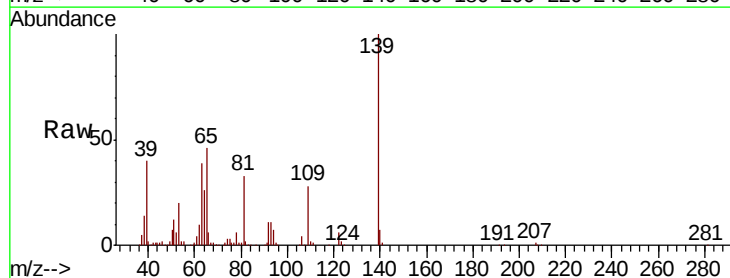
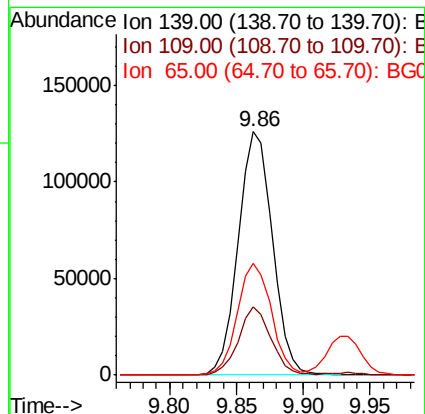
RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	139	Resp:	223603
Ion Ratio	Lower	Upper	
139	100		
109	28.2	21.3	31.9
65	45.8	38.6	57.8





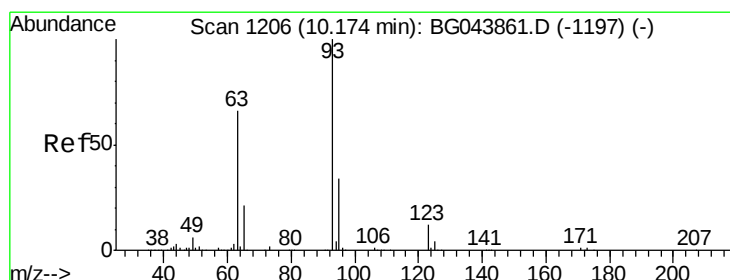
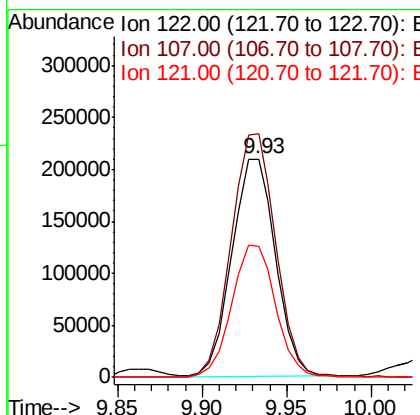
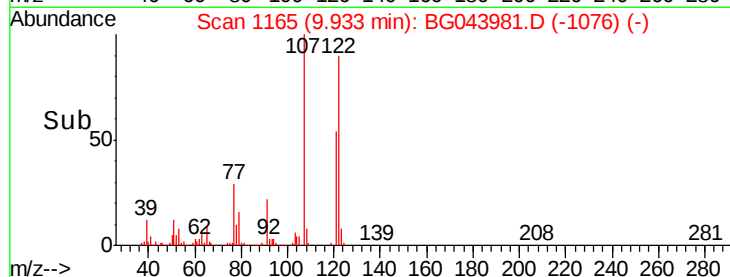
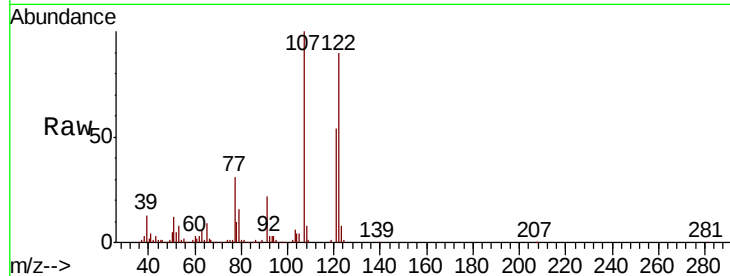
#27
2,4-Dimethylphenol
Concen: 58.832 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	111.4	88.0	132.0	
121	60.0	49.0	73.4	

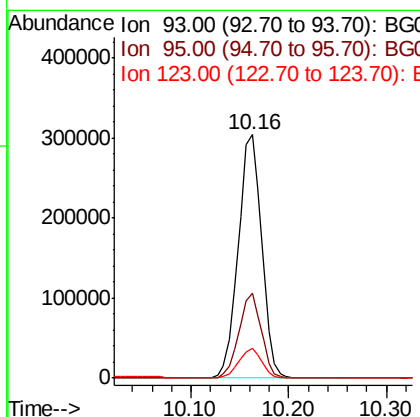
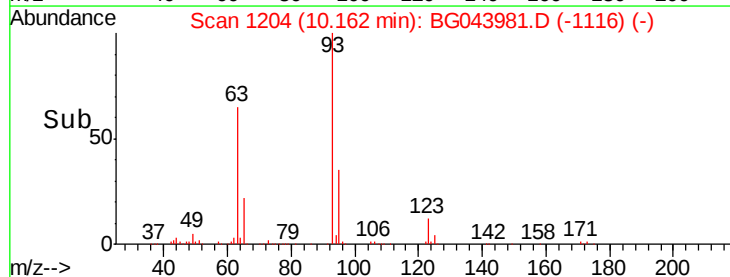
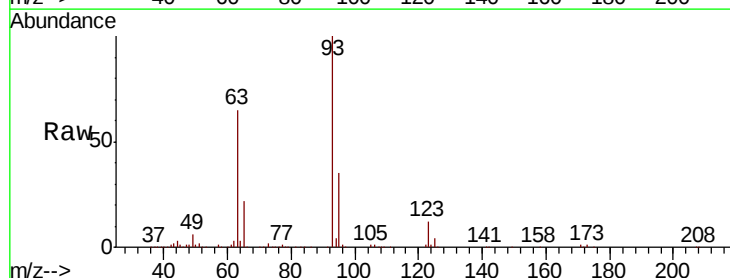
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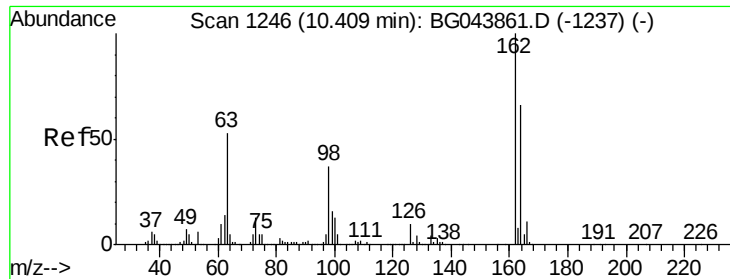
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.917 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.6	27.2	40.8	
123	12.3	9.7	14.5	





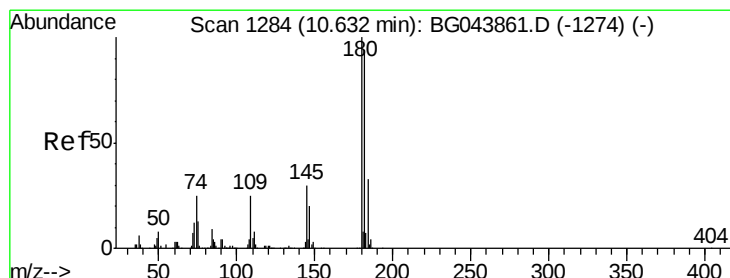
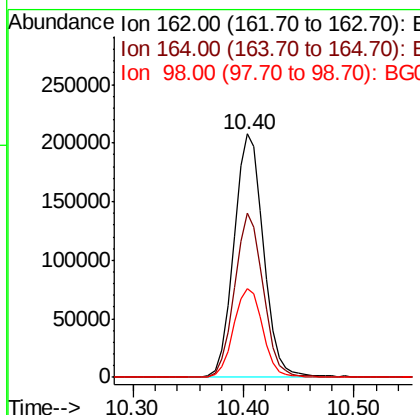
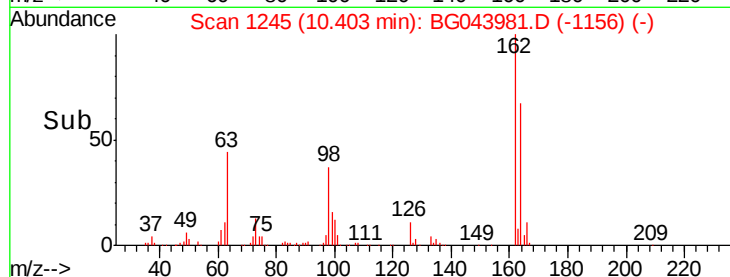
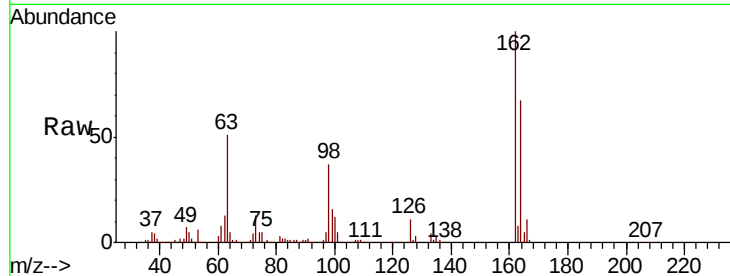
#29
2,4-Dichlorophenol
Concen: 51.125 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	389807		
164	67.5	46.3	86.3	
98	36.7	17.3	57.3	

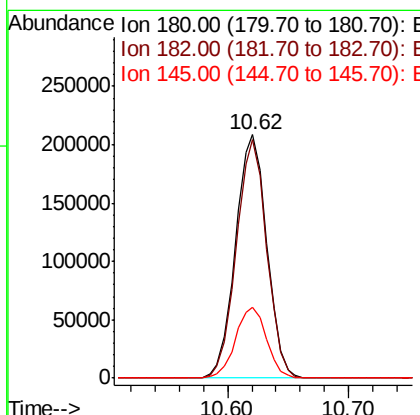
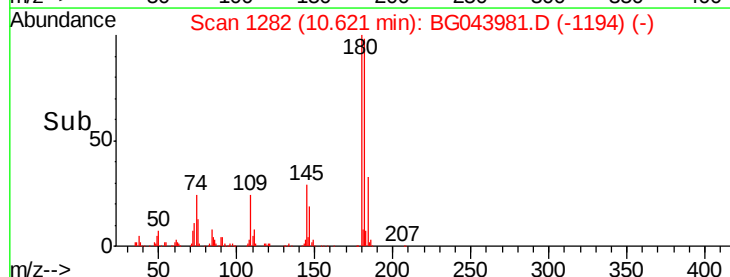
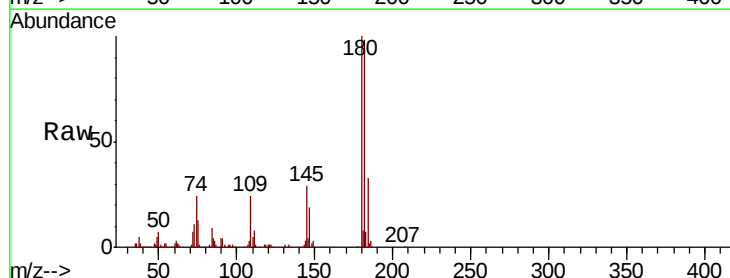
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#30
1,2,4-Trichlorobenzene
Concen: 43.922 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	375489		
182	98.0	75.0	112.4	
145	29.3	24.2	36.4	





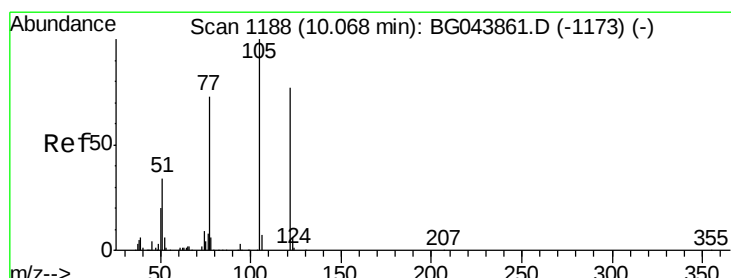
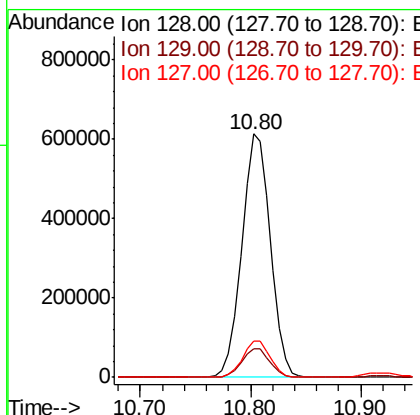
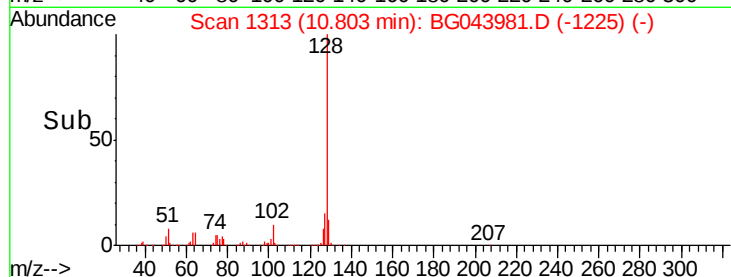
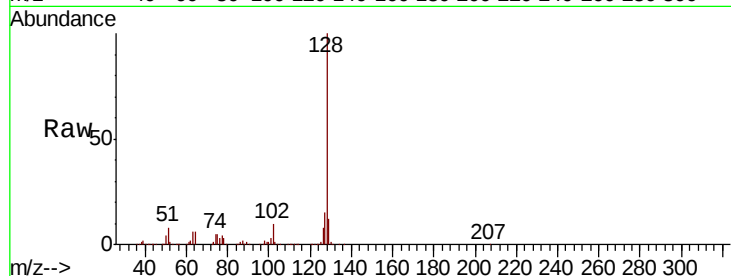
#31
Naphthalene
Concen: 47.439 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	15.0	12.0	18.0

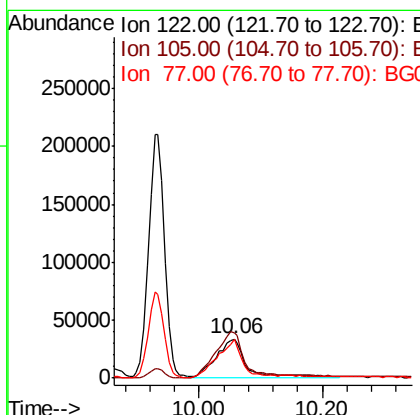
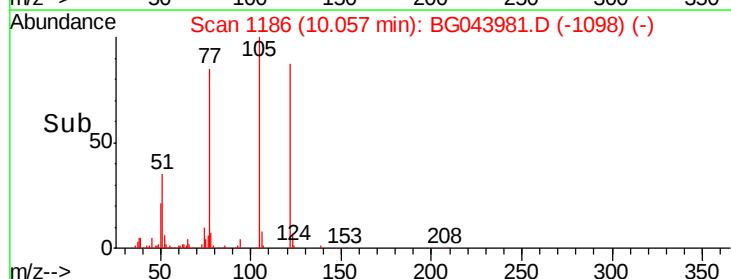
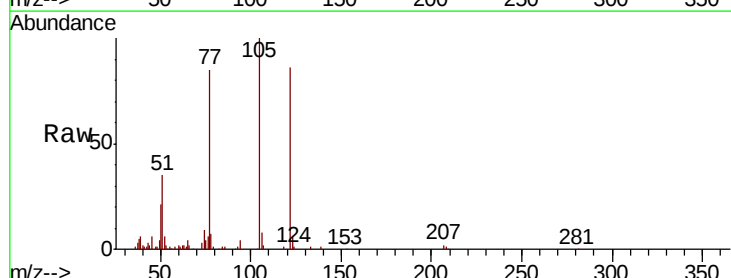
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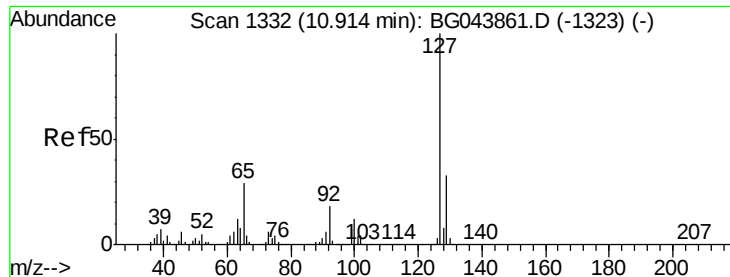
mohammad
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#32
Benzoic acid
Concen: 25.565 ng m
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.6	106.4	146.4
77	98.3	74.6	114.6





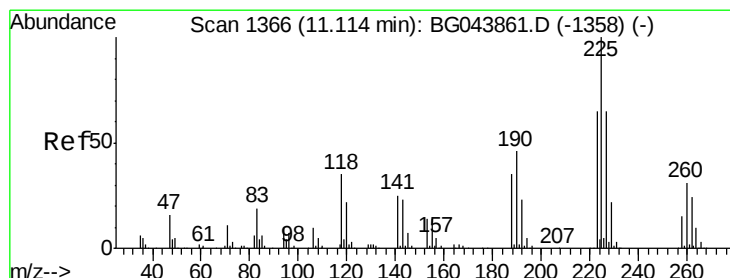
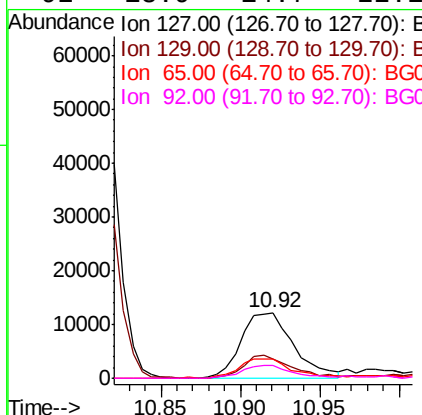
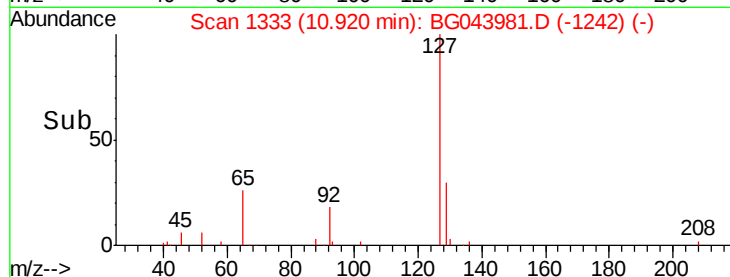
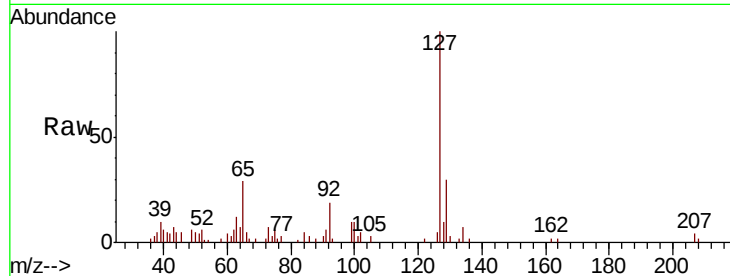
#33
4-Chloroaniline
Concen: 2.510 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.7	26.6	40.0		
65	28.9	23.3	34.9		
92	18.9	14.7	22.1		

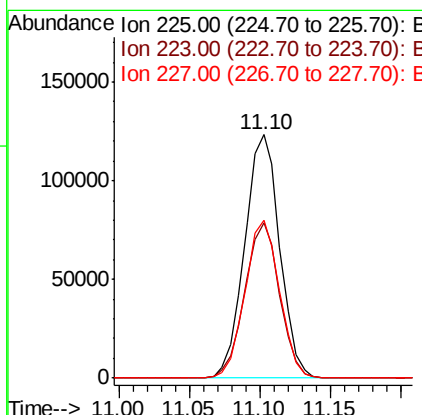
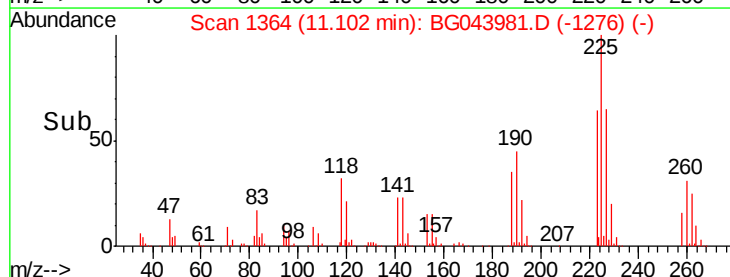
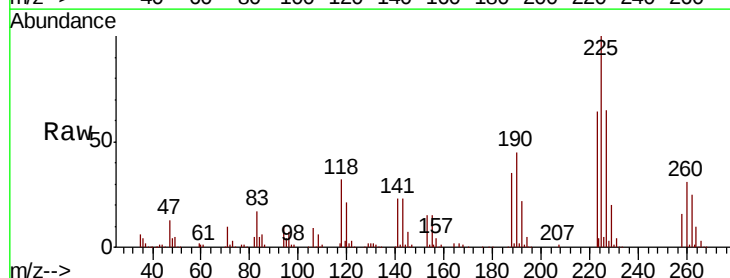
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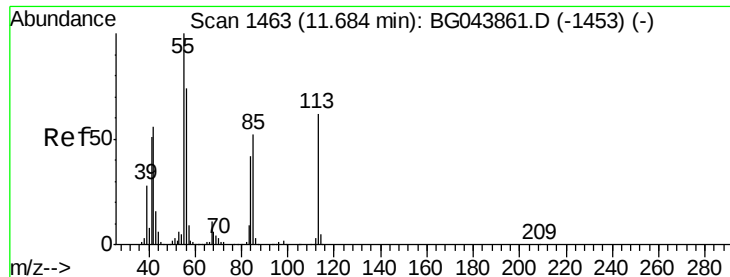
mohammad
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#34
Hexachlorobutadiene
Concen: 40.959 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	52.2	78.4		
227	64.6	52.1	78.1		





#35

Caprolactam

Concen: 53.427 ng/mL

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

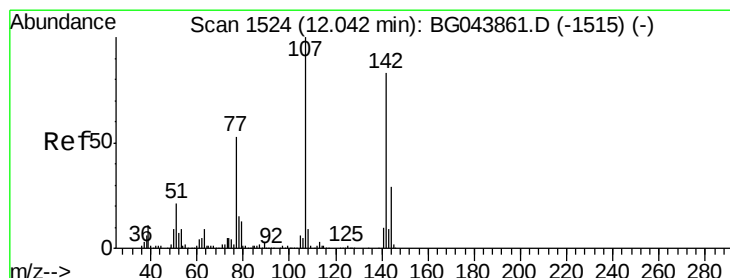
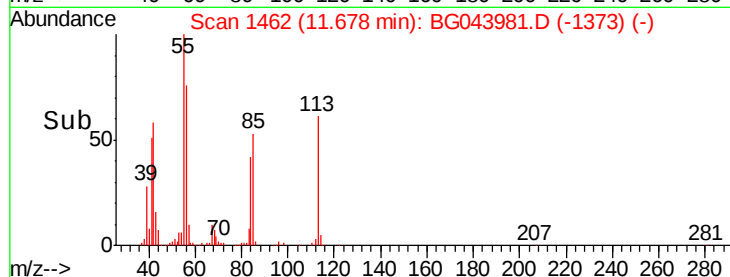
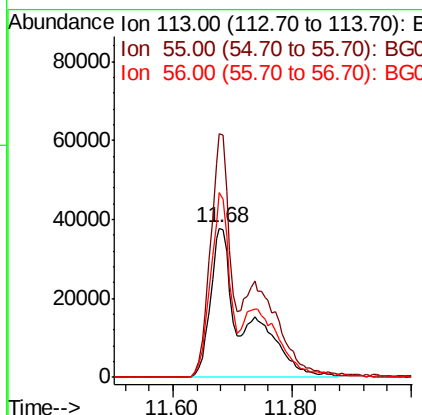
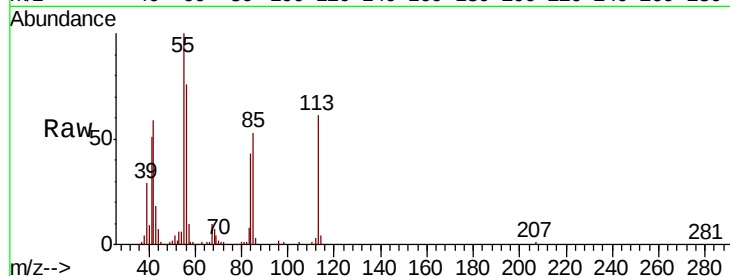
ClientSampleId :

TR-04-010620MS

Tot Ion:	113	Resp:	151647
Ion	Ratio	Lower	Upper
113	100		
55	163.2	142.5	182.5
56	124.1	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 52.995 ng/mL

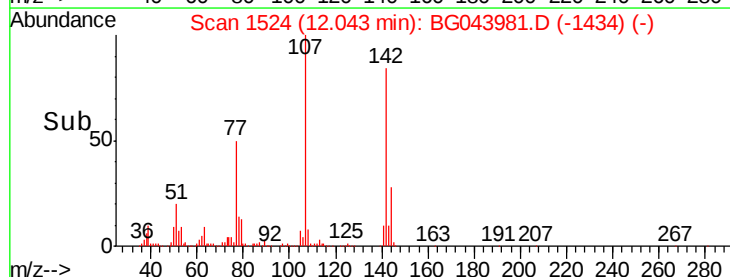
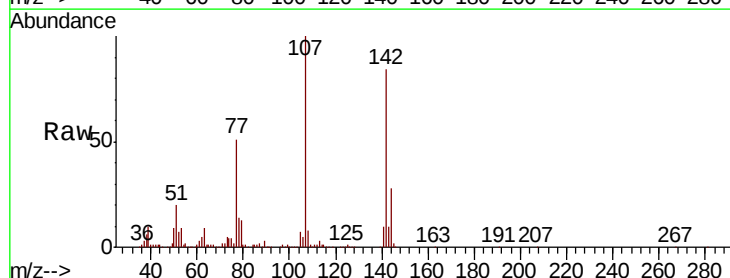
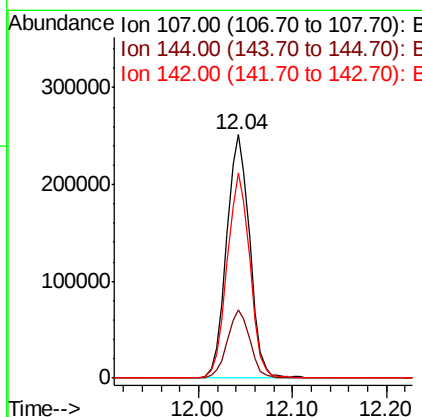
RT: 12.04 min Scan# 1524

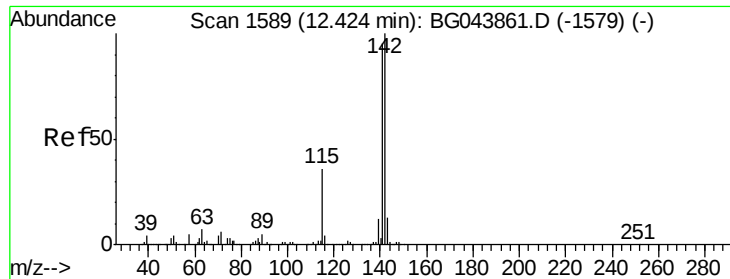
Delta R.T. 0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	107	Resp:	430151
Ion	Ratio	Lower	Upper
107	100		
144	28.0	23.4	35.2
142	84.5	66.3	99.5





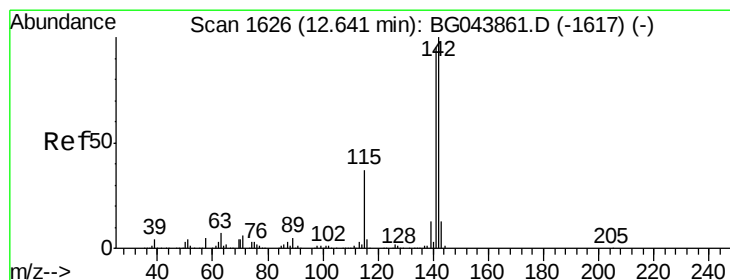
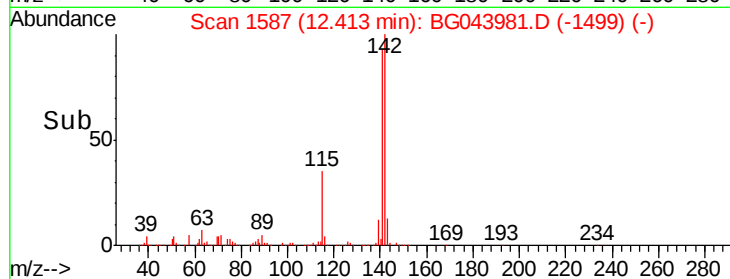
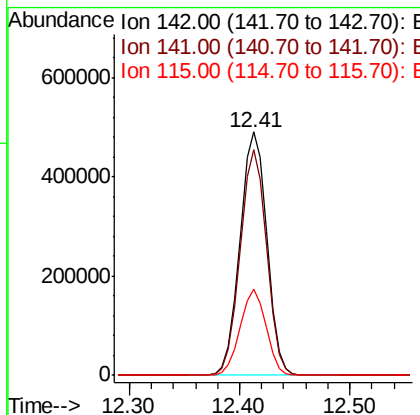
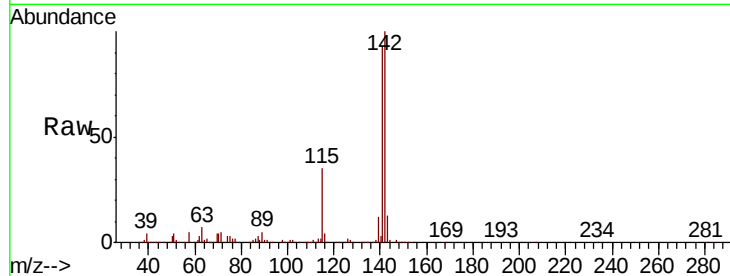
#37
2-Methylnaphthalene
Concen: 47.550 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	35.4	28.6	42.8

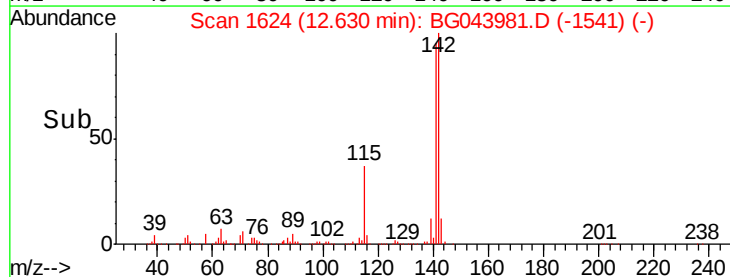
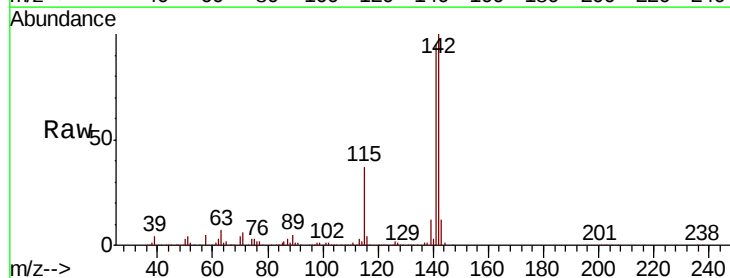
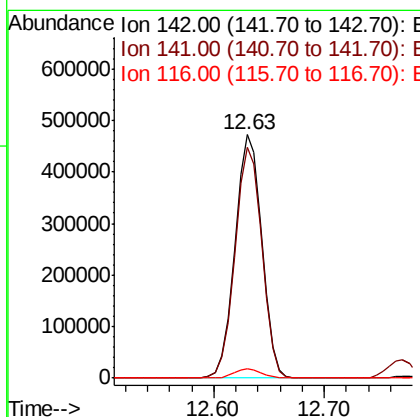
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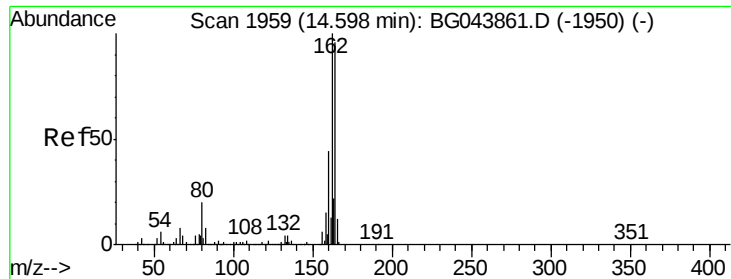
mohammad
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#38
1-Methylnaphthalene
Concen: 48.006 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

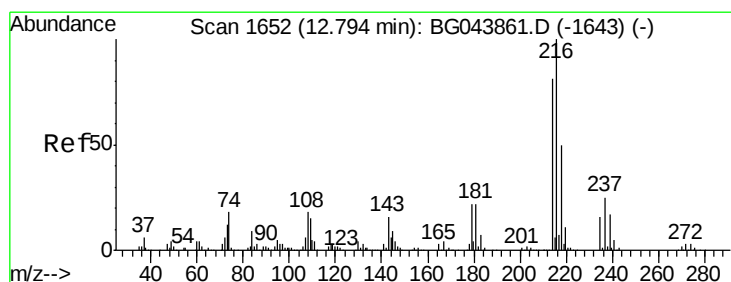
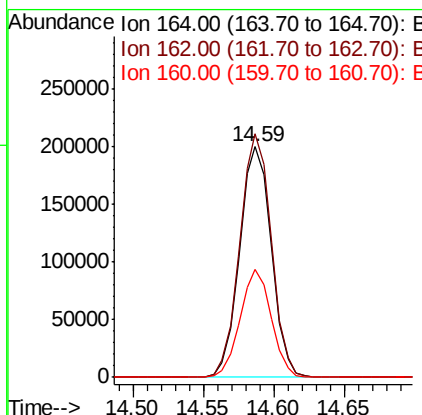
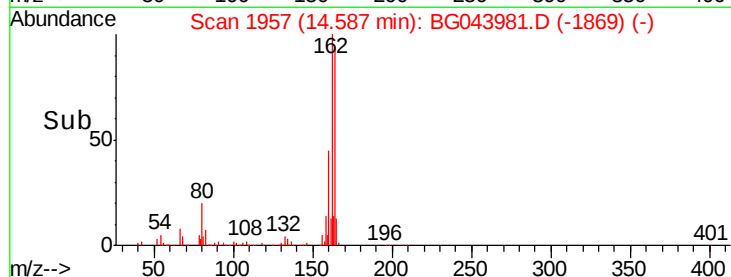
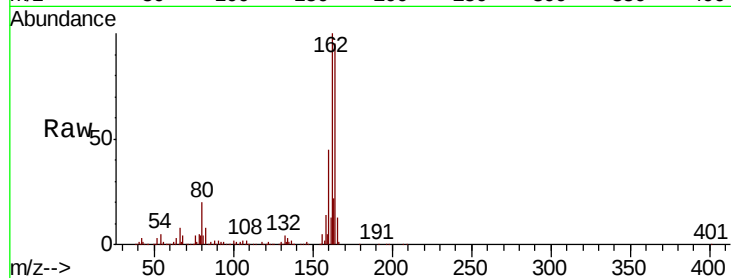
ClientSampleId :

TR-04-010620MS

Tot Ion:	164	Resp:	314105
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.0	124.4
160	47.1	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.456 ng

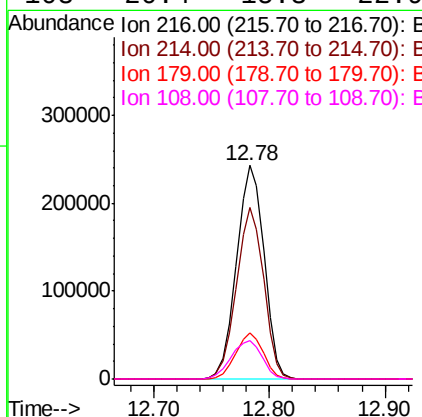
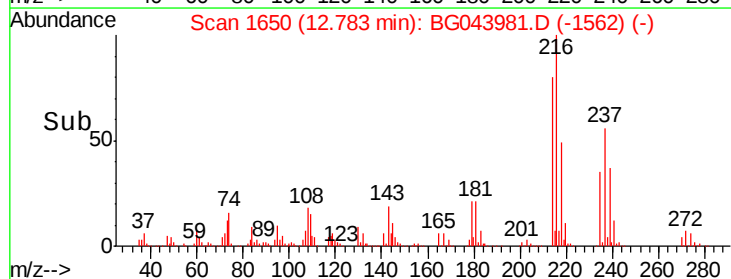
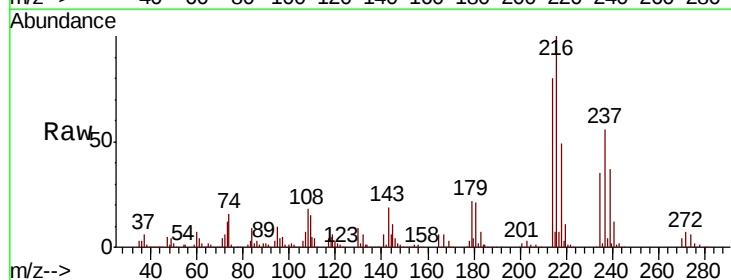
RT: 12.78 min Scan# 1650

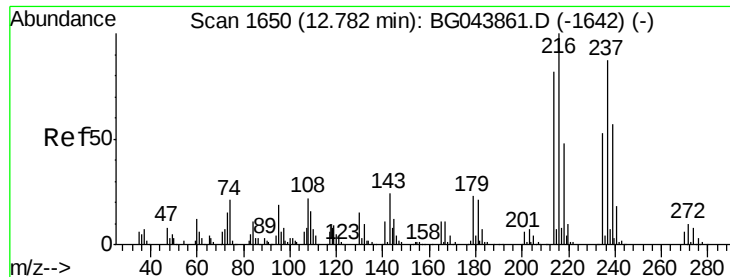
Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	216	Resp:	400078
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.8
179	21.6	17.3	25.9
108	20.4	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 96.562 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

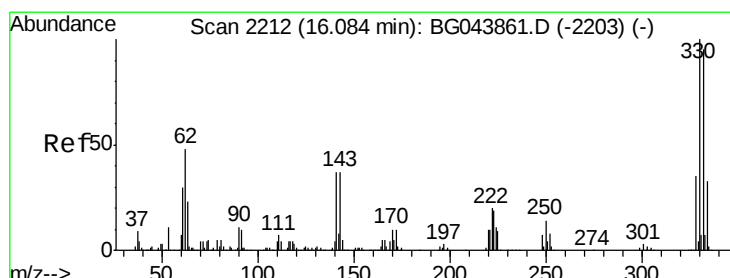
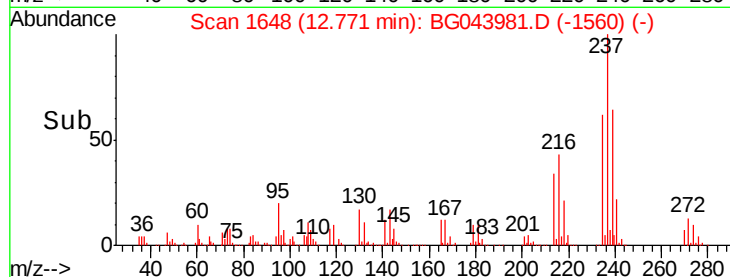
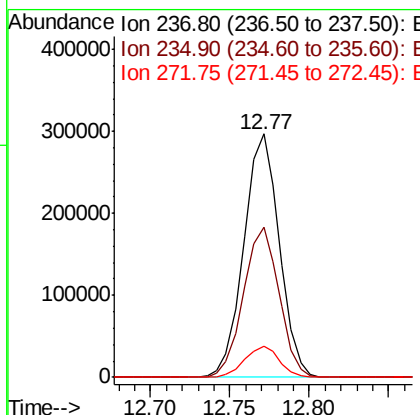
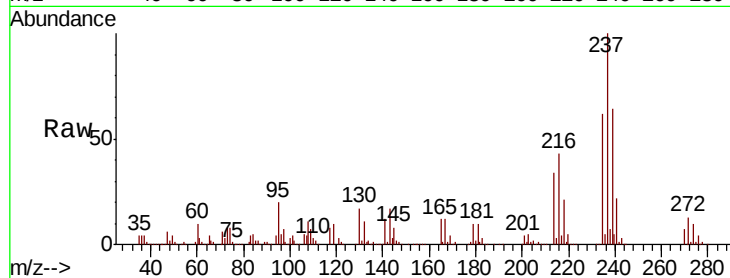
ClientSampleId :

TR-04-010620MS

Tot Ion:	237	Resp:	460887
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.1	81.1
272	13.0	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 155.722 ng

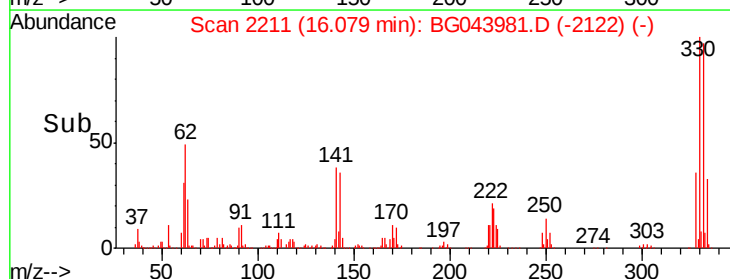
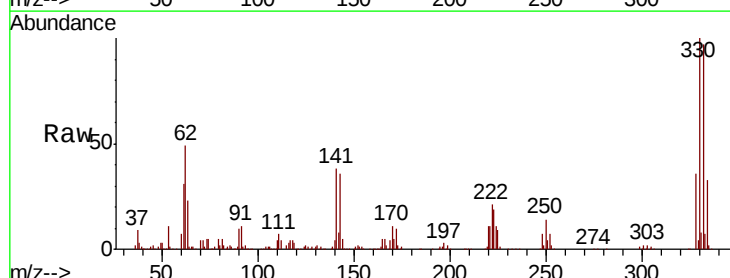
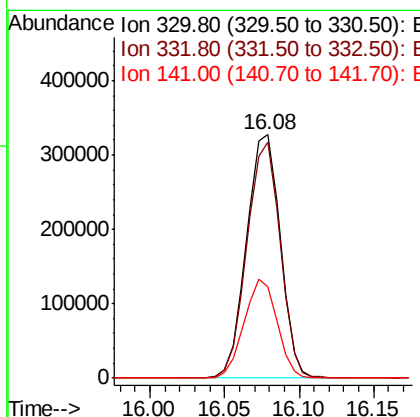
RT: 16.08 min Scan# 2211

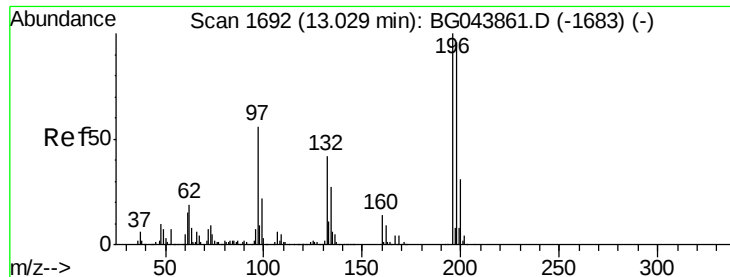
Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	330	Resp:	511865
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	39.9	33.1	49.7





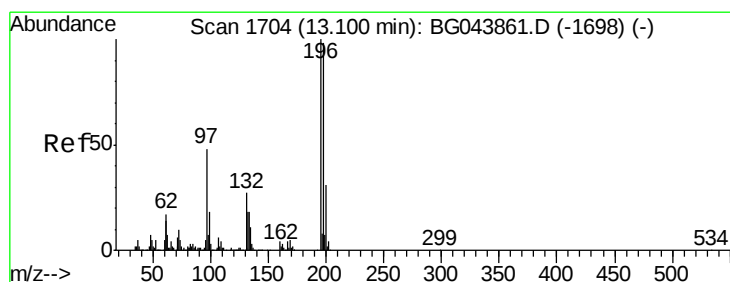
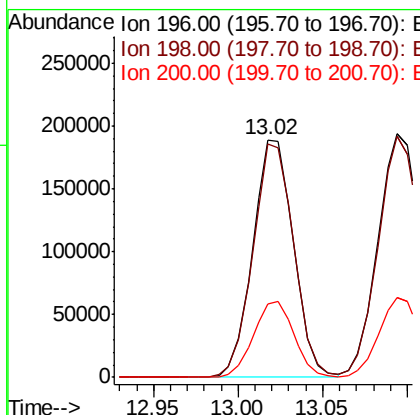
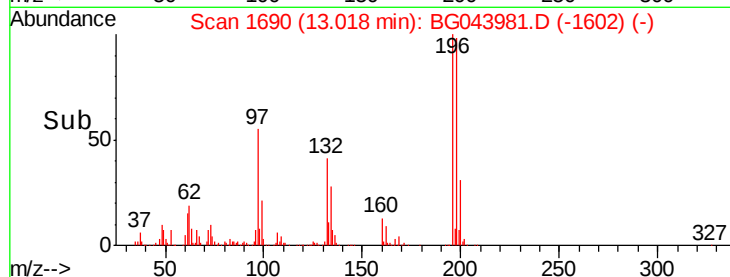
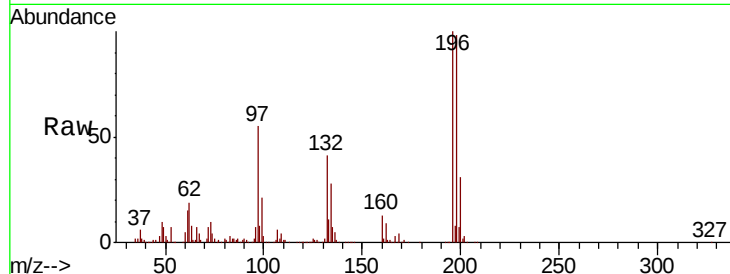
#43
2,4,6-Trichlorophenol
Concen: 50.100 ng
RT: 13.02 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	317374		
198	98.3	76.6	115.0	
200	31.1	24.6	37.0	

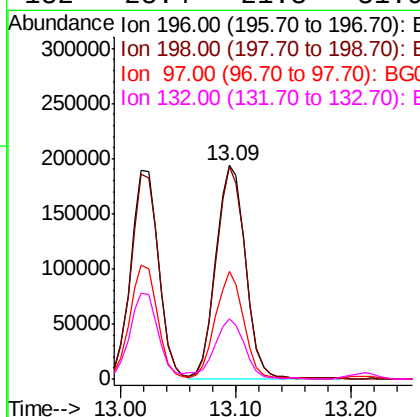
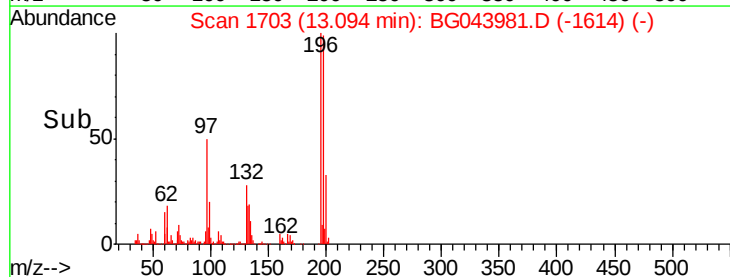
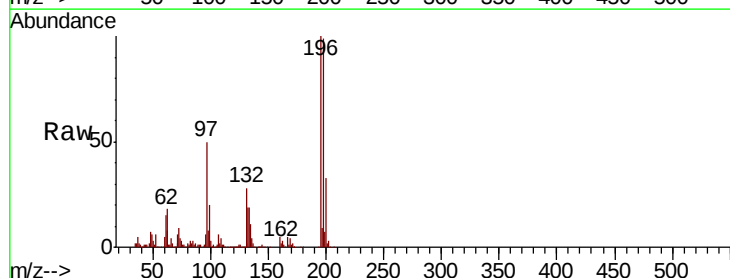
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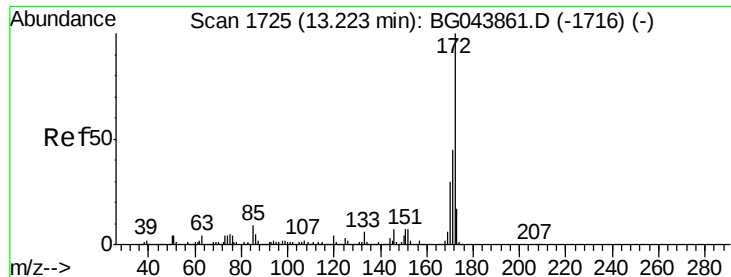
mohammad
1/9/2020 12:10:10 PM



#44
2,4,5-Trichlorophenol
Concen: 52.376 ng
RT: 13.09 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	342200		
198	99.2	78.3	117.5	
97	50.3	38.8	58.2	
132	28.4	21.3	31.9	





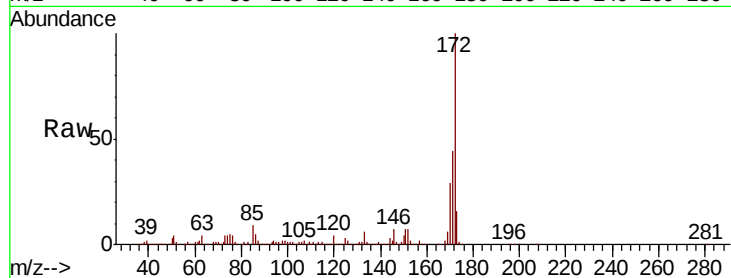
#45
2-Fluorobiphenyl
Concen: 96.568 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.5	35.8	53.8
170	29.4	24.2	36.4

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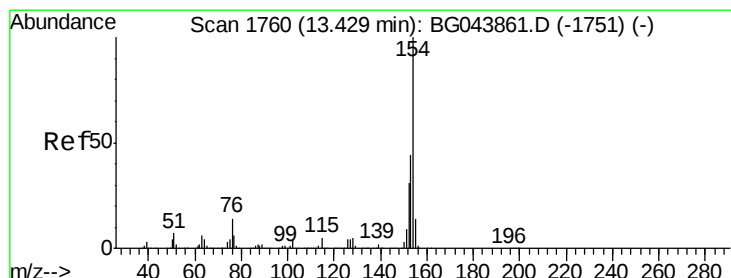
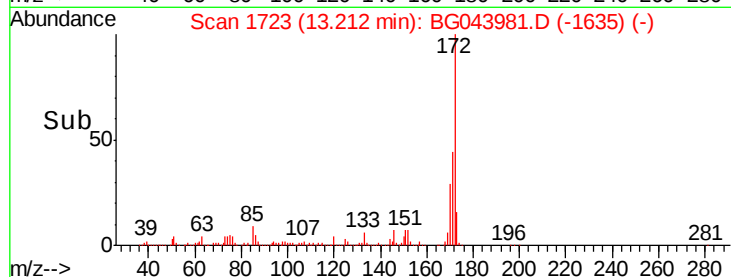
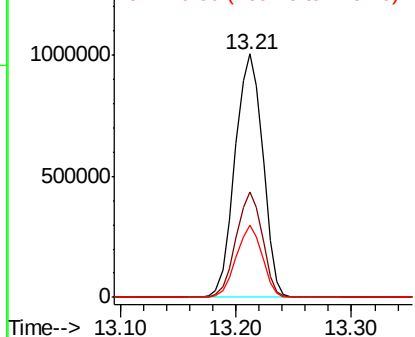


Abundance

Ion 172.00 (171.70 to 172.70): E

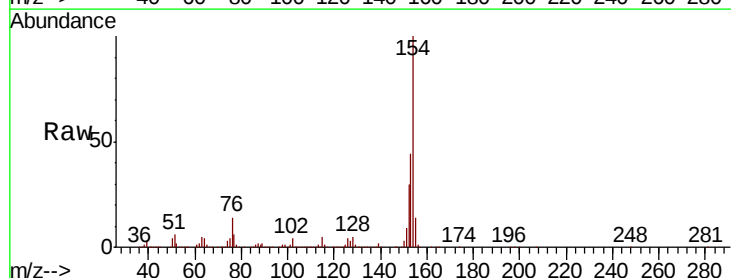
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.583 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.3	23.6	63.6
76	13.9	0.0	34.4

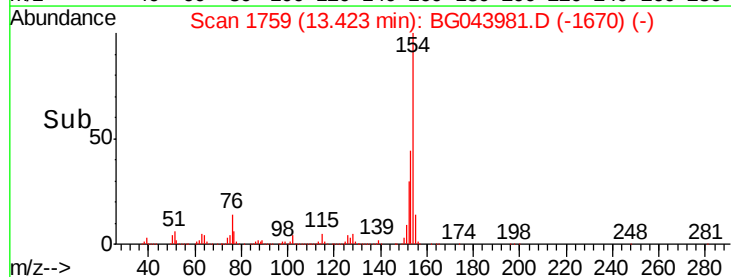
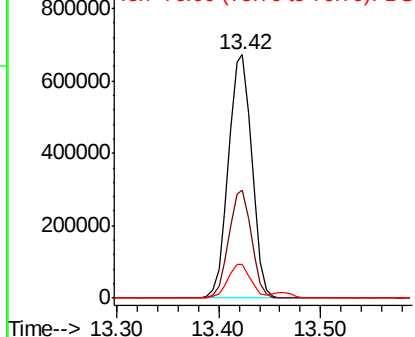


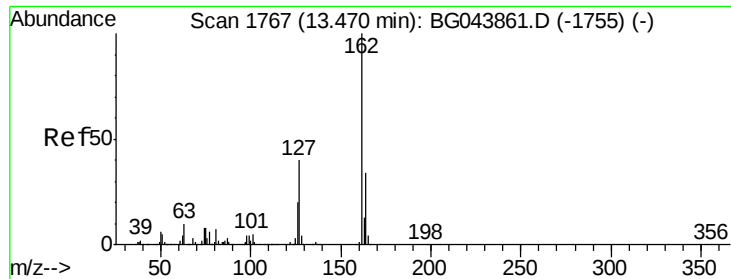
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





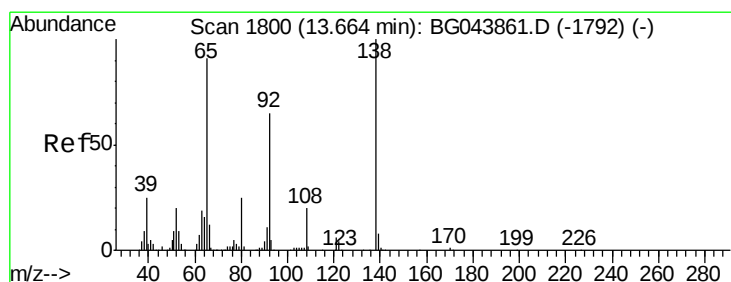
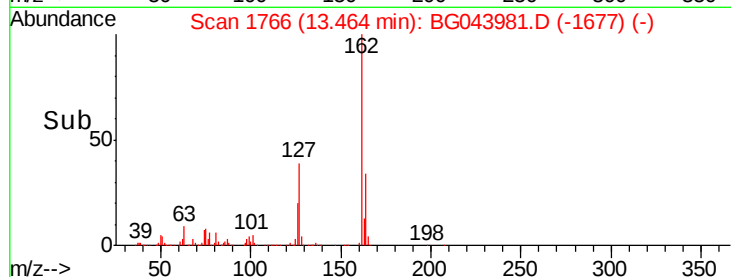
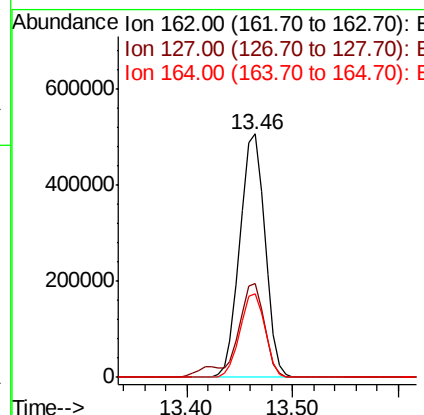
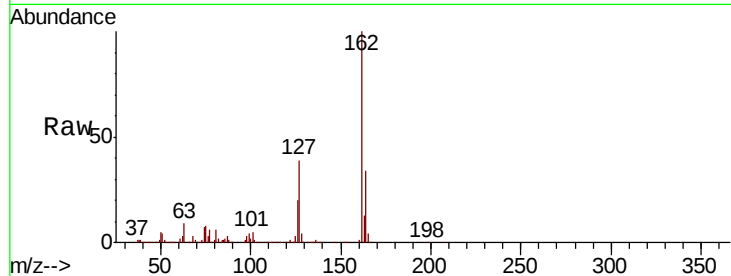
#47
2-Chloronaphthalene
Concen: 45.869 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	834727		
127	38.7		32.1	48.1
164	34.3		27.5	41.3

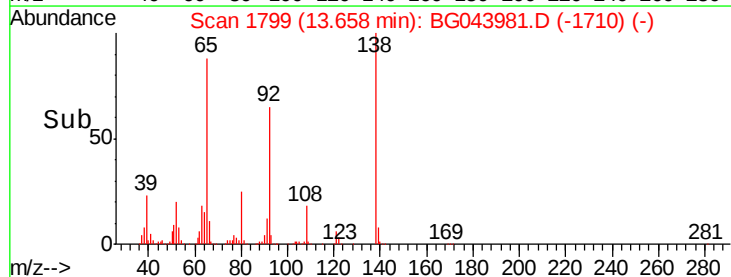
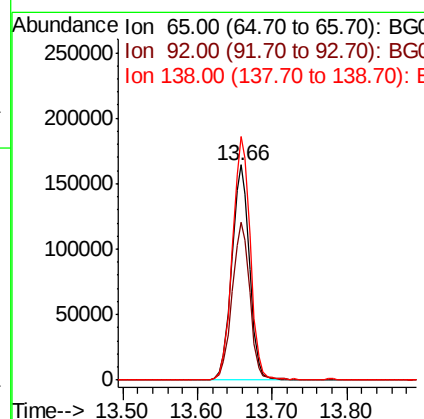
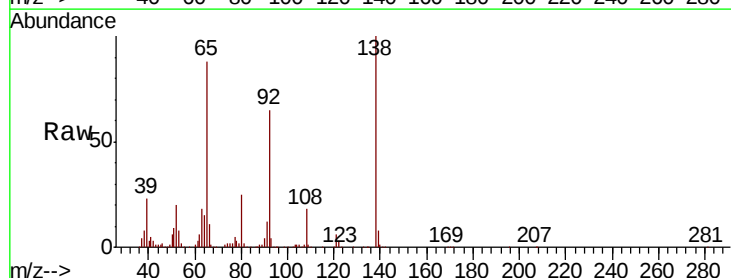
Manual Integrations
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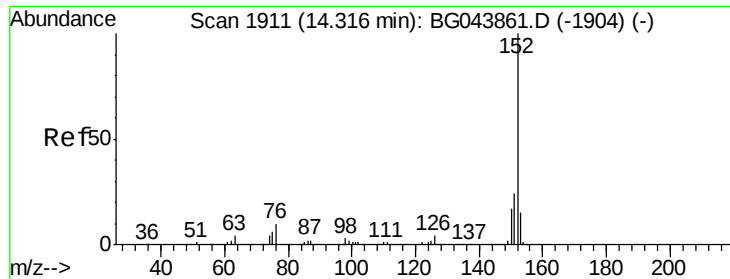
mohammad
1/9/2020 12:10:10 PM



#48
2-Nitroaniline
Concen: 46.667 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	273183		
92	73.3		57.4	86.2
138	113.2		88.2	132.4





#49

Acenaphthylene

Concen: 50.652 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

Tot Ion:152 Resp: 1324877

Ion Ratio Lower Upper

152 100

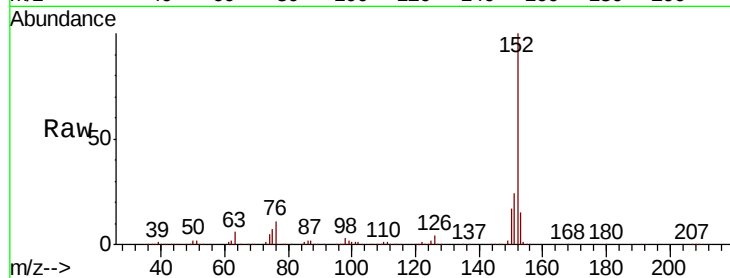
151 23.9 19.4 29.2

153 15.3 12.0 18.0

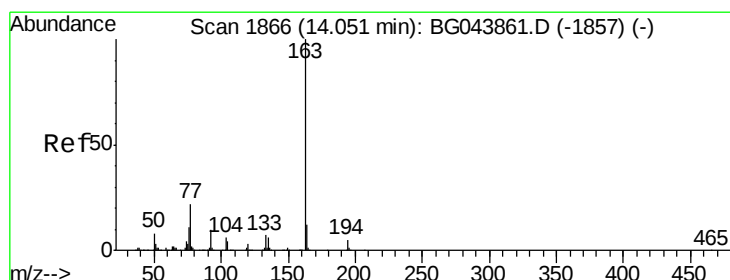
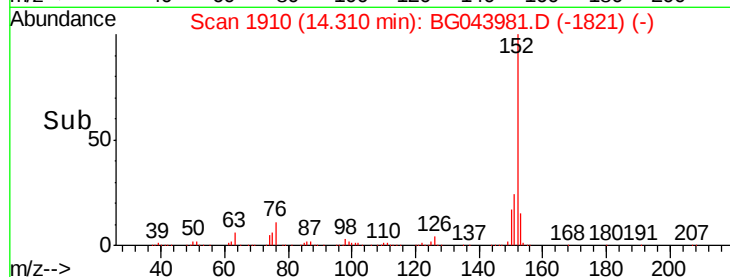
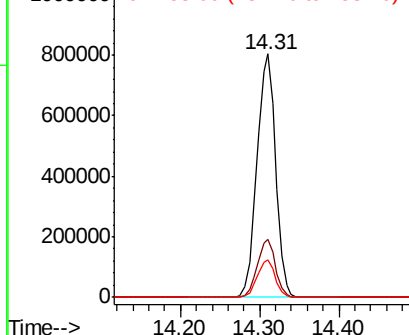
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.374 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

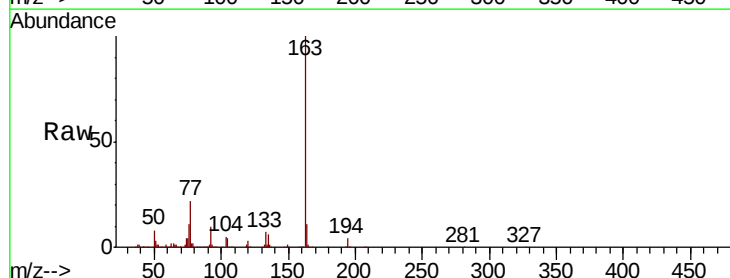
Tgt Ion:163 Resp: 1101178

Ion Ratio Lower Upper

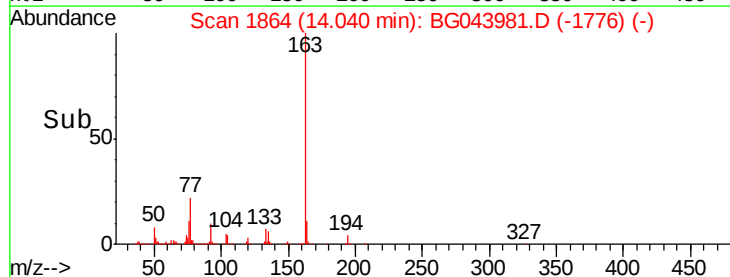
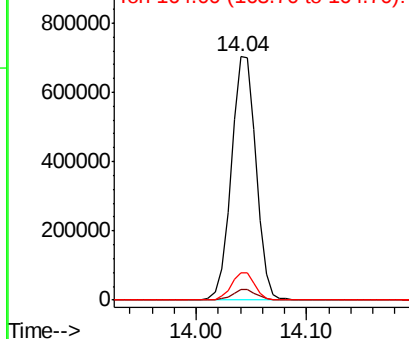
163 100

194 4.4 3.7 5.5

164 11.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





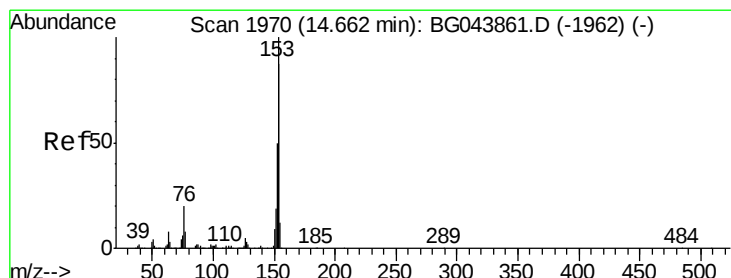
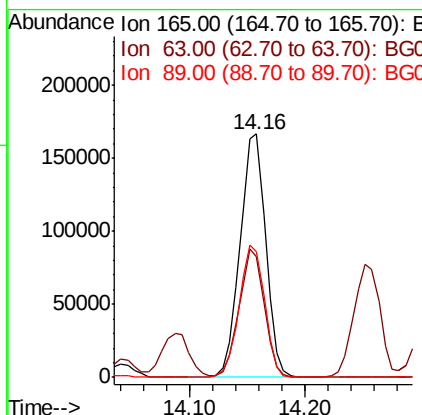
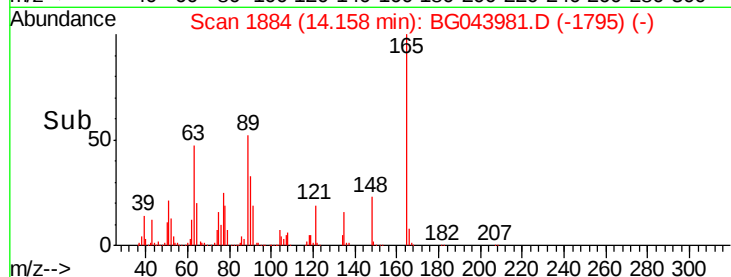
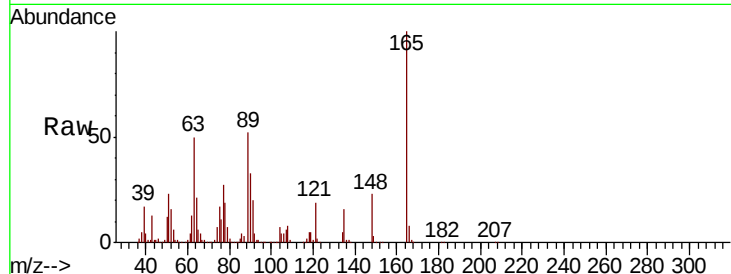
#51
2,6-Dinitrotoluene
Concen: 51.017 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257171		
63	49.7		43.1	64.7
89	51.8		43.8	65.6

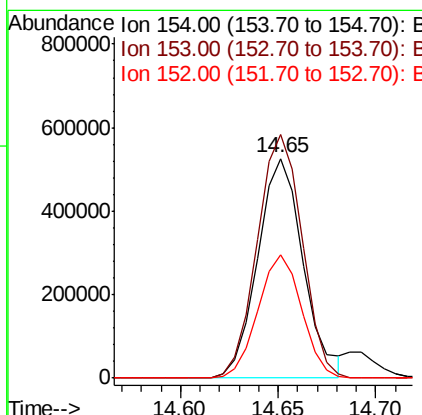
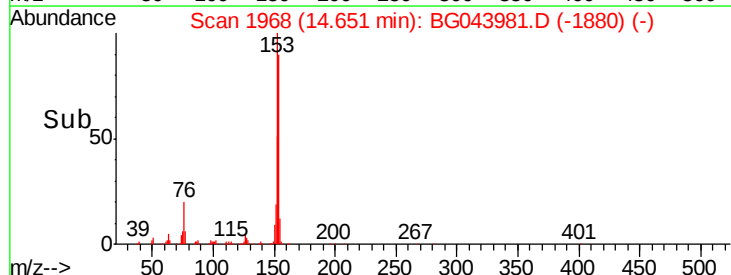
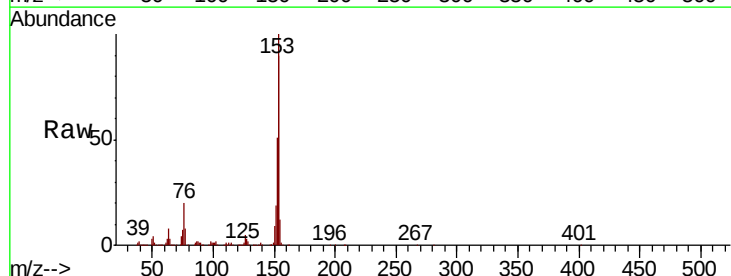
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#52
Acenaphthene
Concen: 46.340 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	850018		
153	111.0		91.6	137.4
152	56.1		45.4	68.0





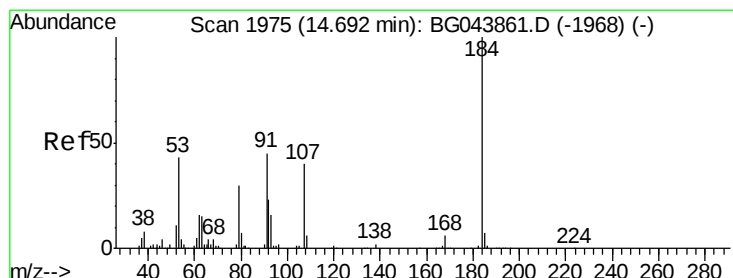
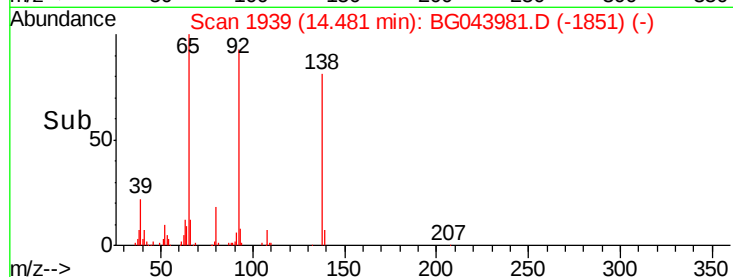
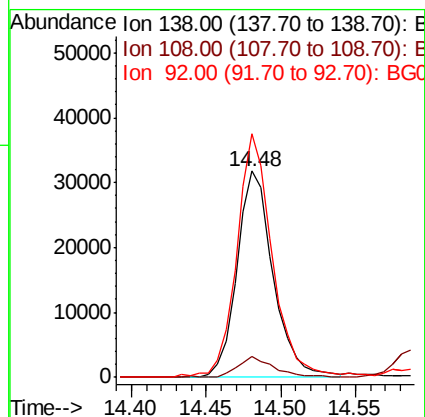
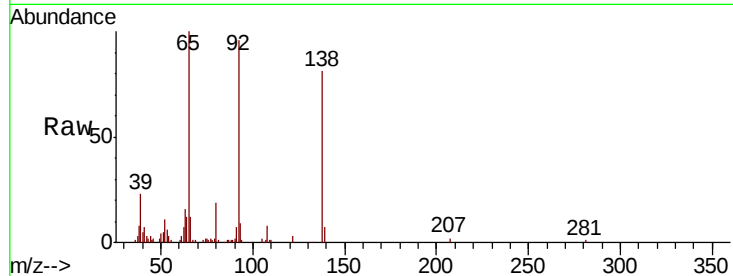
#53
3-Nitroaniline
Concen: 9.355 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	118.2	92.1	138.1

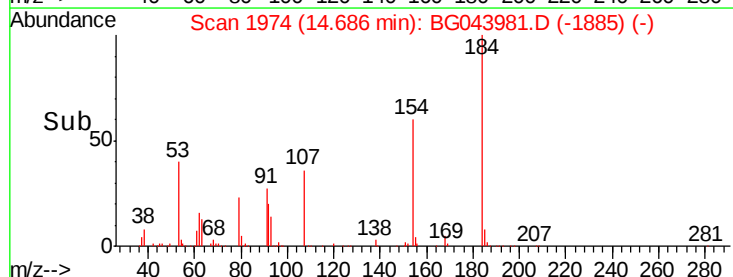
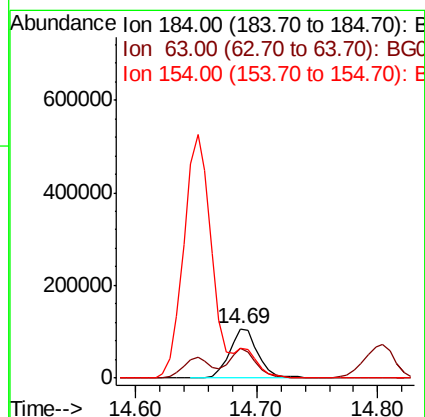
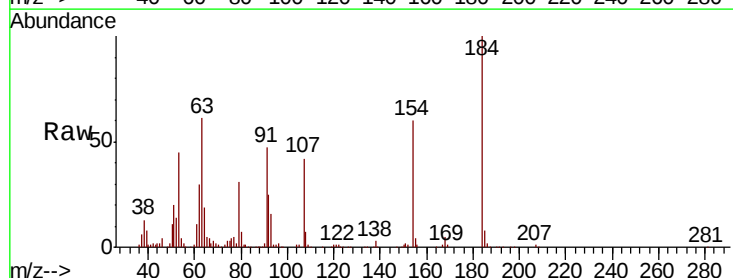
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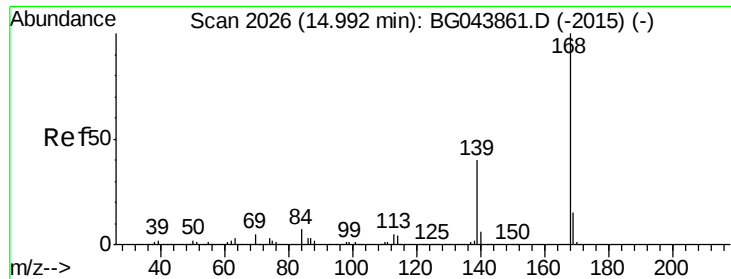
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.850 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	46.6	70.0
154	59.9	50.2	75.4





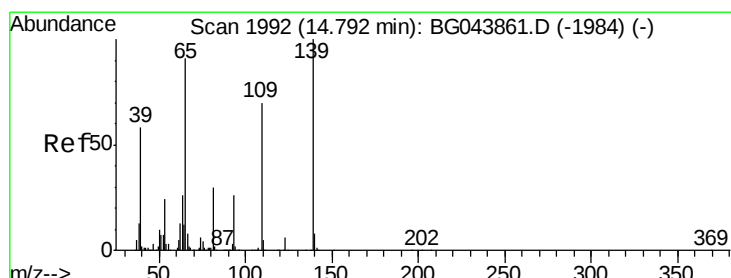
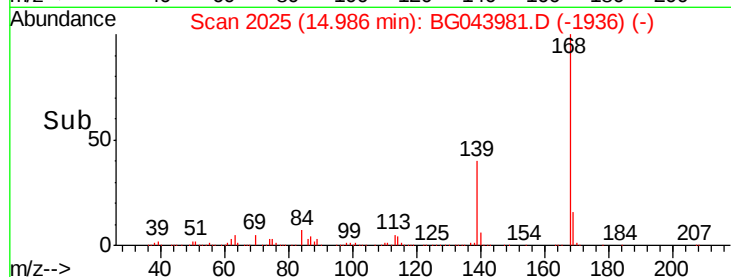
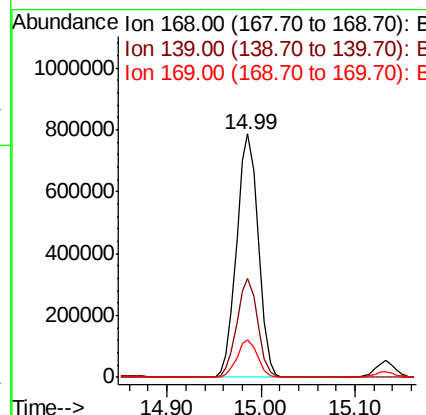
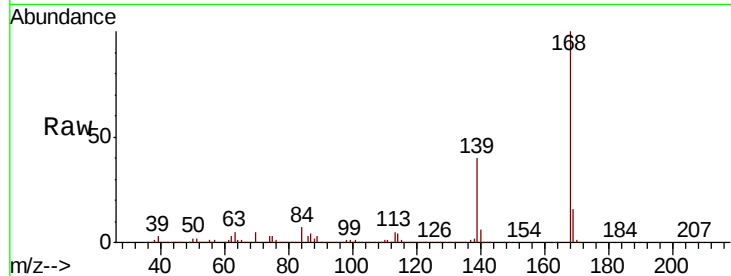
#55
Dibenzenofuran
Concen: 49.844 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.2	48.2
169	15.7	12.2	18.2

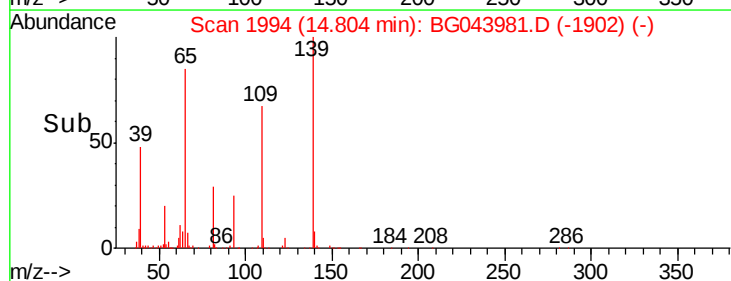
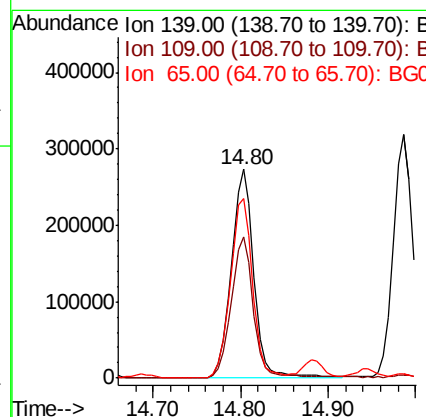
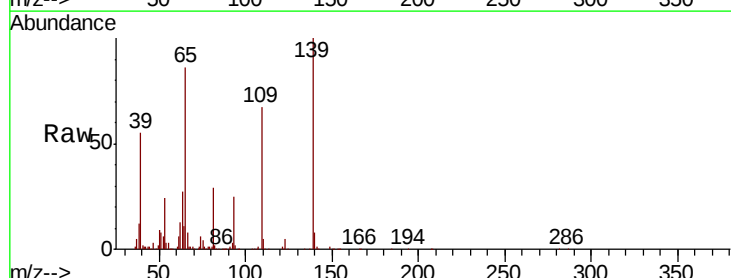
Manual Integrations
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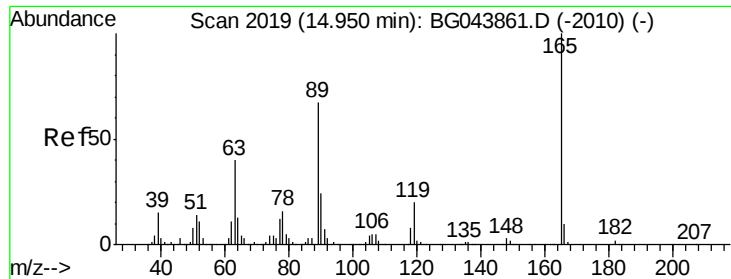
mohammad
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#56
4-Nitrophenol
Concen: 109.450 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	50.4	90.4
65	86.1	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 52.093 ng

RT: 14.95 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

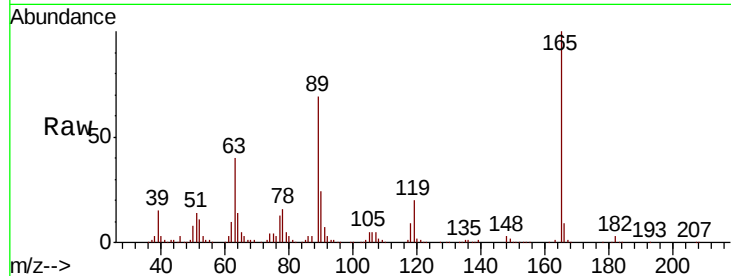
ClientSampleId :

TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357313		
63	40.0	31.9	47.9	
89	68.8	53.8	80.6	
182	2.5	2.0	3.0	

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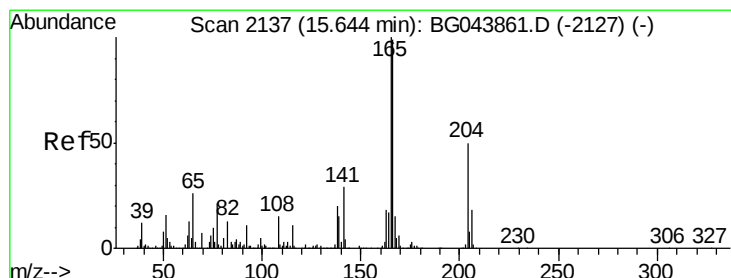
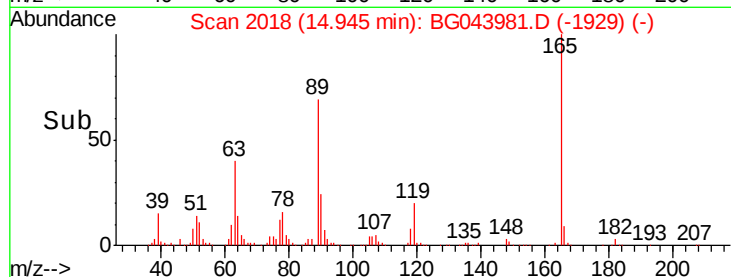
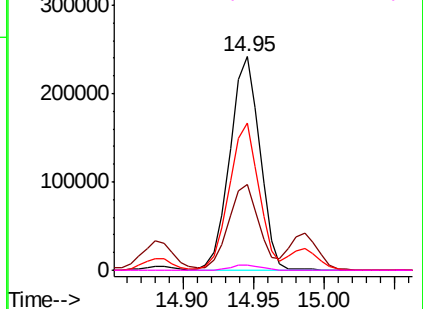


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.219 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG043981.D

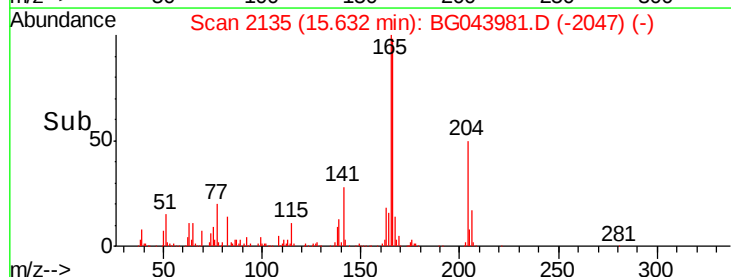
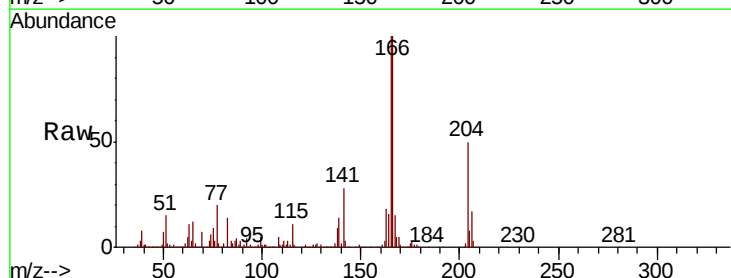
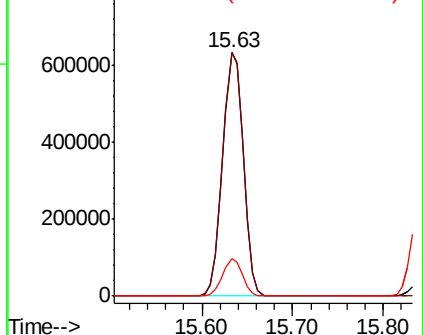
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1005100		
165	99.9	80.8	121.2	
167	15.2	12.1	18.1	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





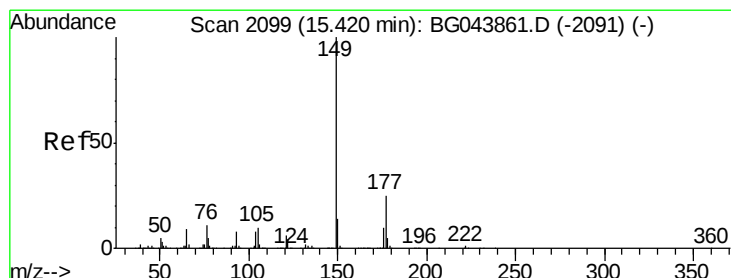
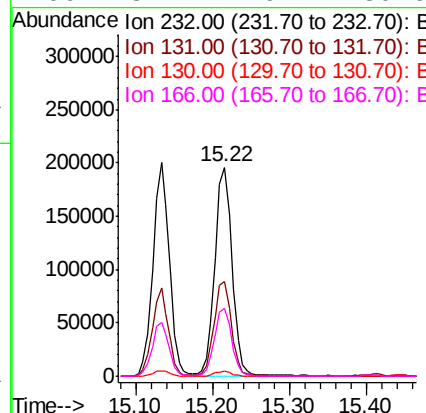
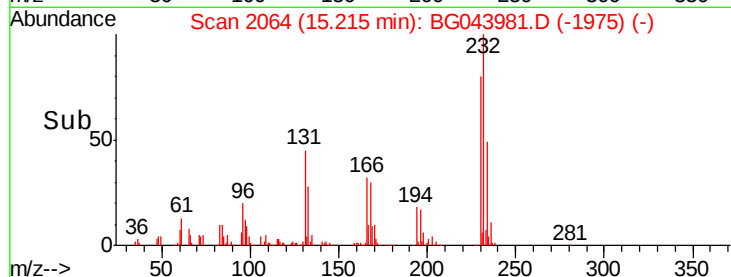
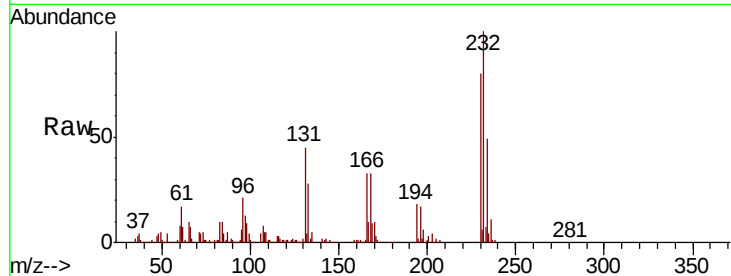
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.673 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	38.2	57.2
130	2.5	2.2	3.2
166	32.1	26.4	39.6

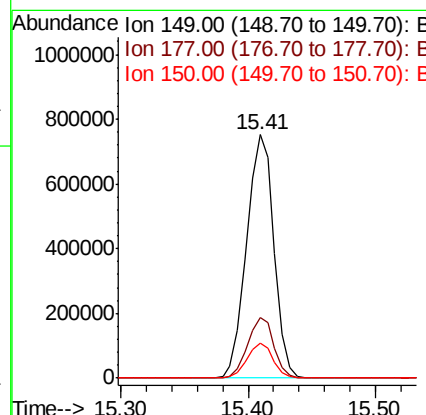
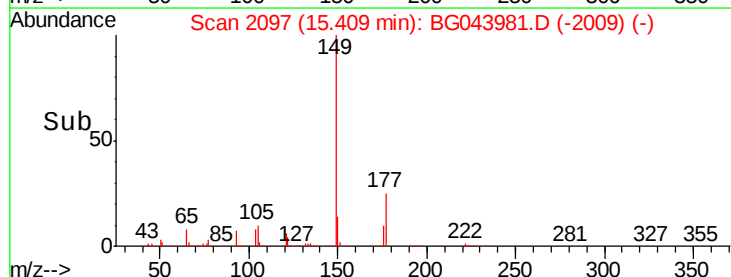
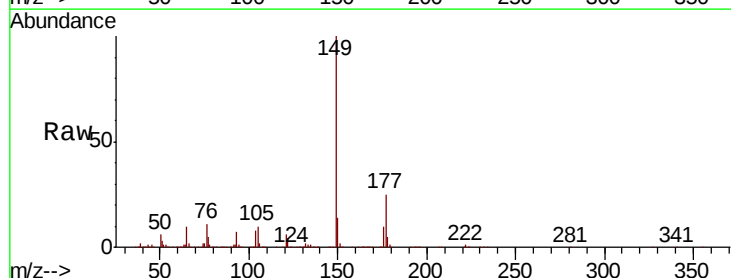
Manual Integrations
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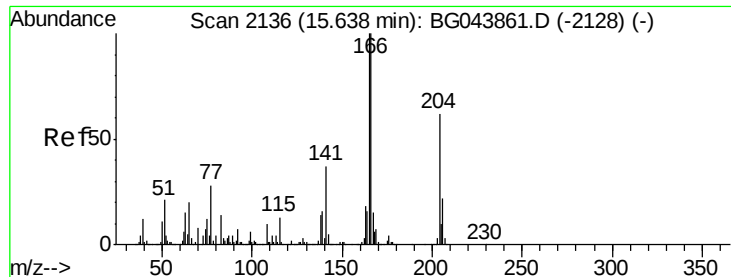
mohammad
 1/9/2020 12:10:10 PM



#60
 Diethylphthalate
 Concen: 50.153 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	14.3	11.1	16.7





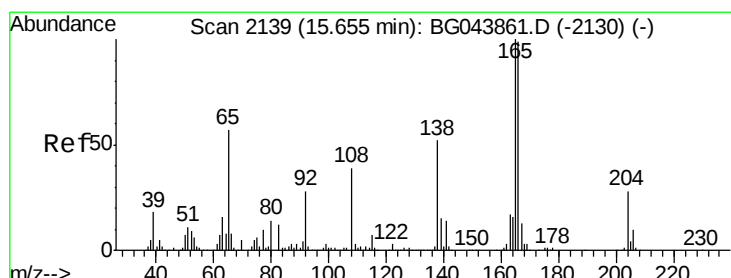
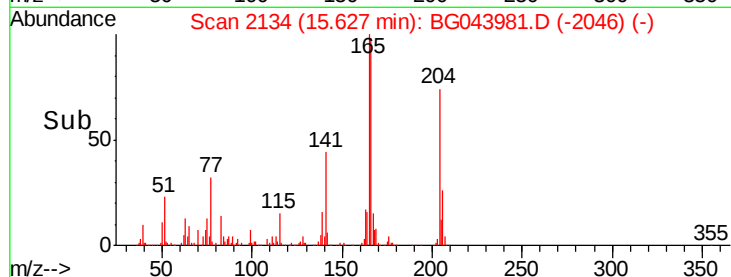
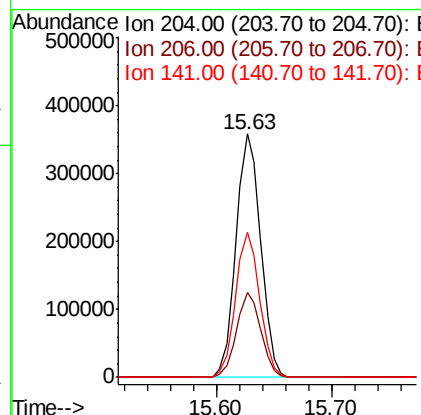
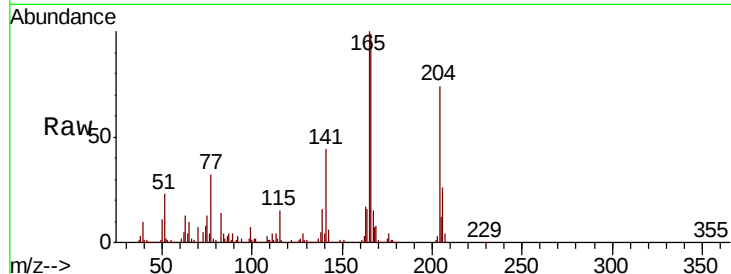
#61
4-Chlorophenyl-phenylether
Concen: 48.540 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	527521		
206	35.1	28.2	42.2	
141	59.4	48.2	72.2	

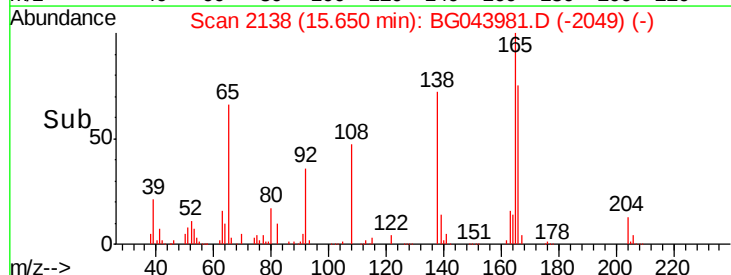
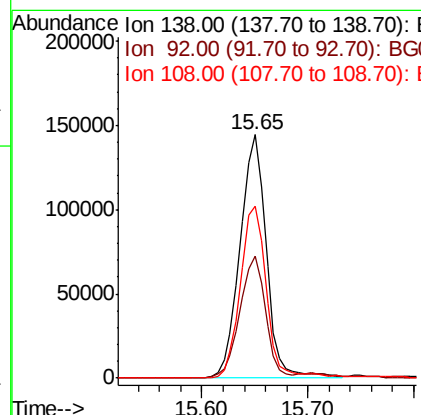
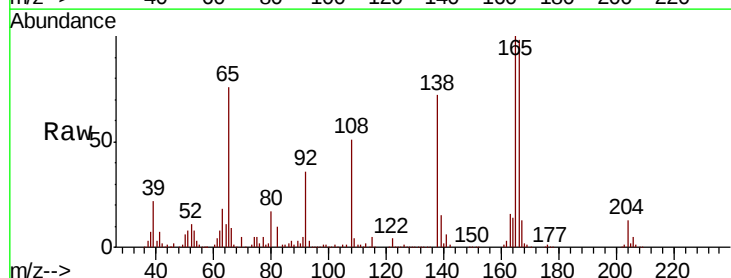
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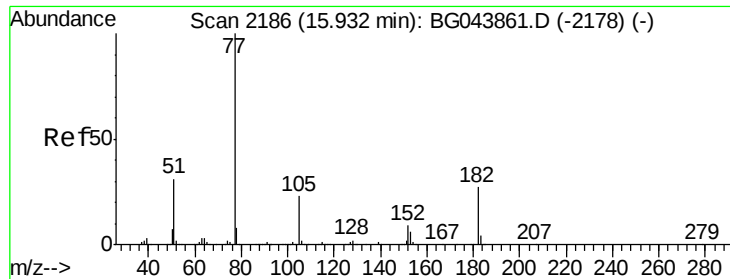
mohammad
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#62
4-Nitroaniline
Concen: 44.152 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	249591		
92	50.0	34.3	74.3	
108	70.5	55.0	95.0	





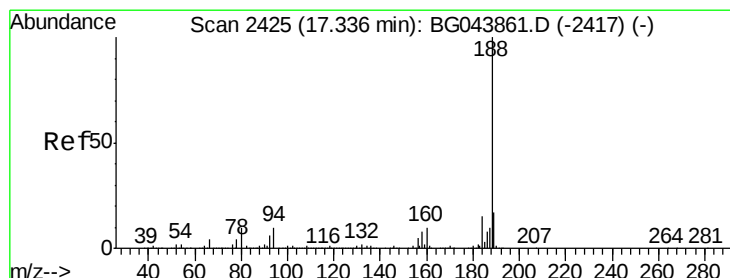
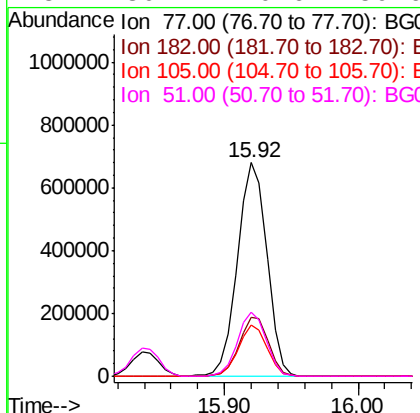
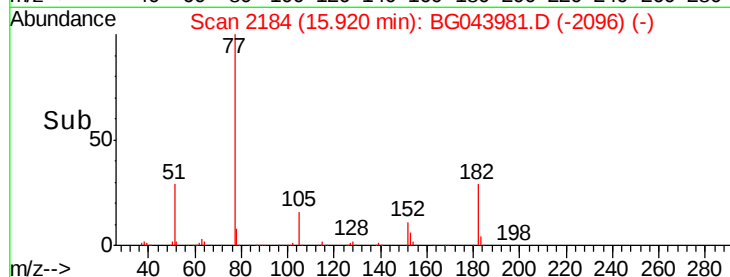
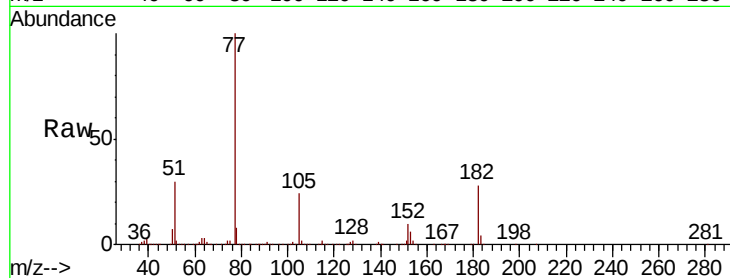
#63
Azobenzene
Concen: 50.028 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.3	47.3
105	24.2	3.2	43.2
51	30.1	10.6	50.6

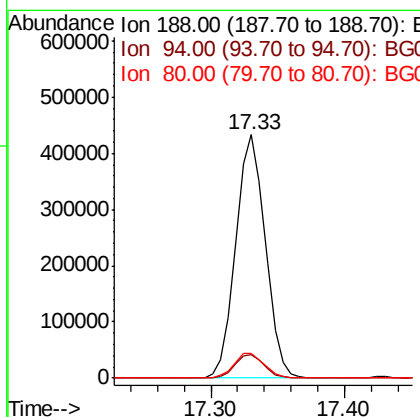
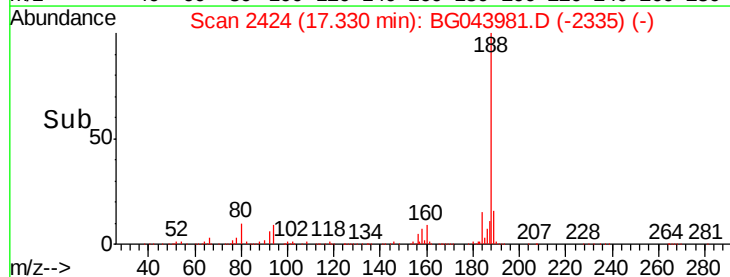
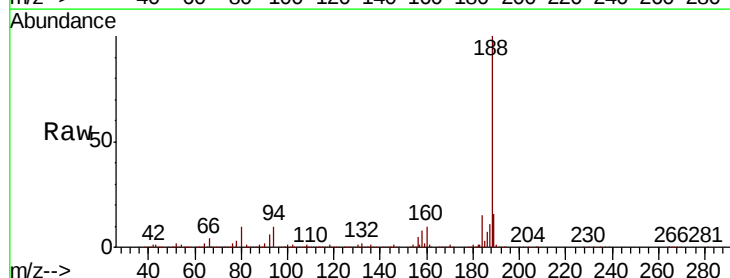
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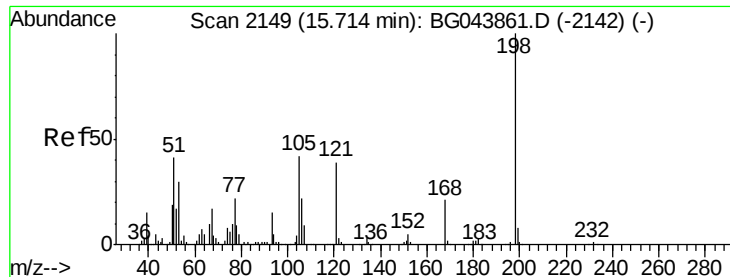
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.4	8.2	12.4





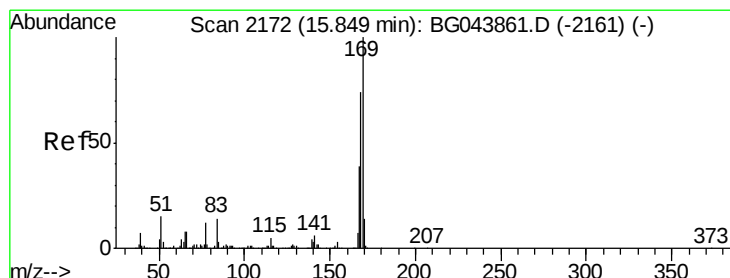
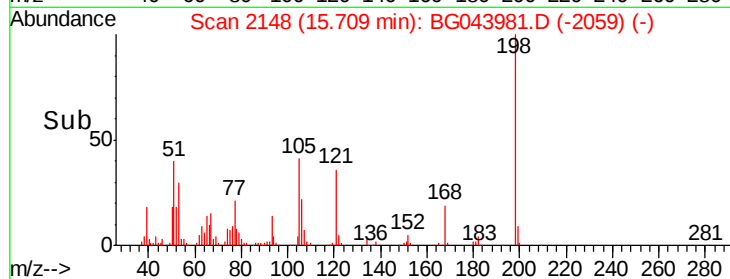
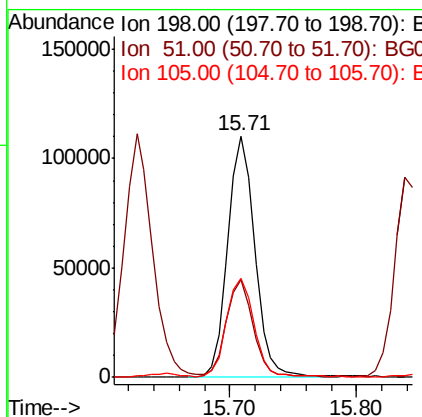
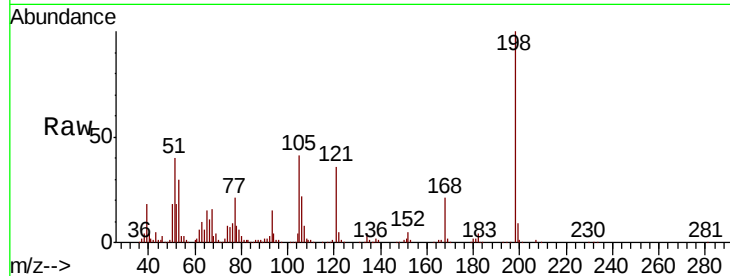
#65
4,6-Dinitro-2-methylphenol
Concen: 47.706 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163741		
51	40.2		22.5	62.5
105	40.9		22.3	62.3

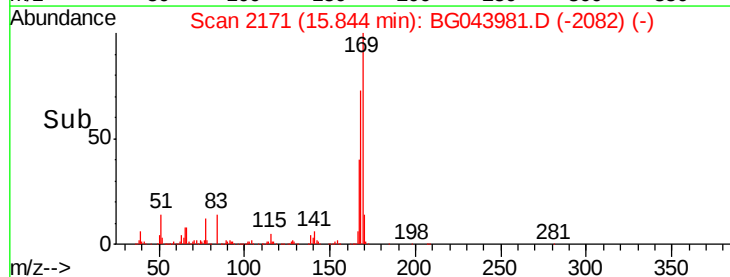
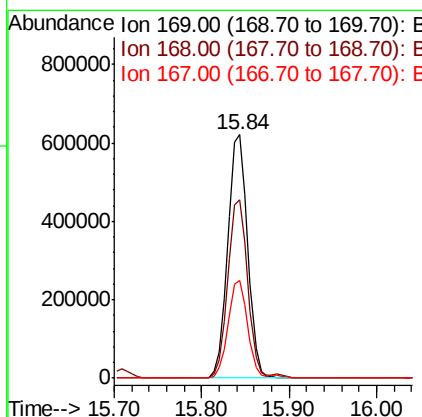
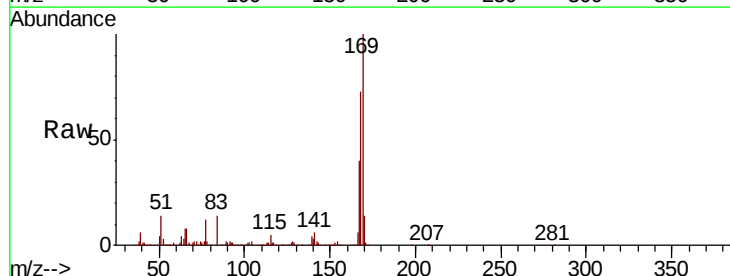
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#66
n-Nitrosodiphenylamine
Concen: 49.178 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	965360		
168	73.1		59.0	88.6
167	40.2		31.4	47.0





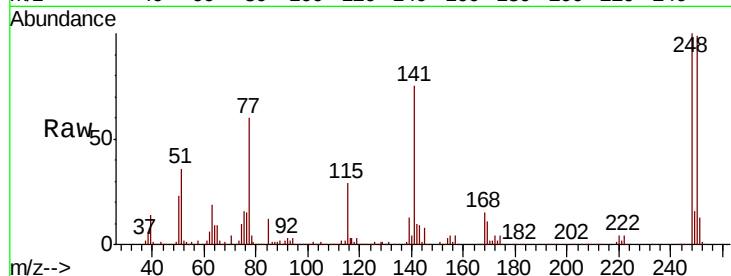
#67
4-Bromophenyl-phenylether
Concen: 46.183 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.2	117.2
141	75.0	59.3	88.9

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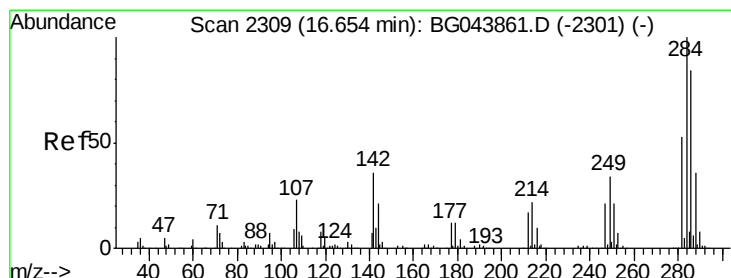
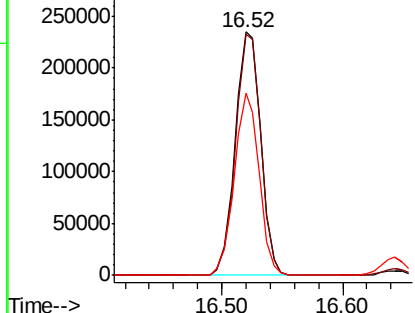
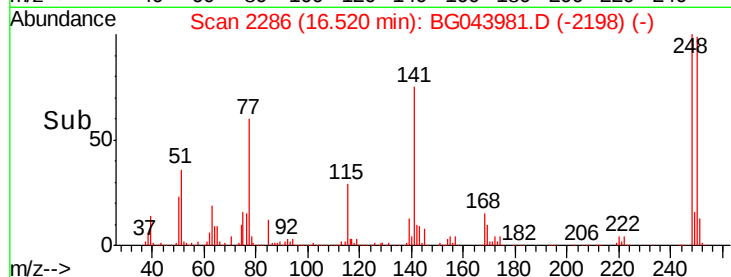


Abundance

Ion 248.00 (247.70 to 248.70): E

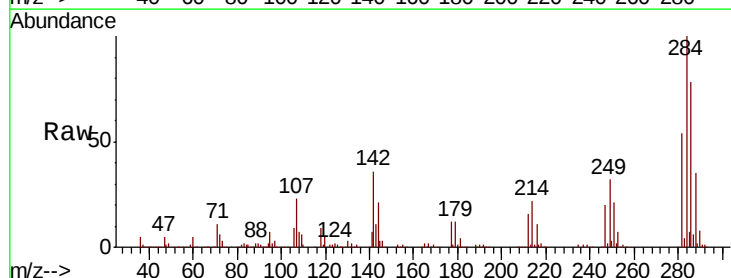
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.639 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.6	43.0
249	32.2	27.0	40.6

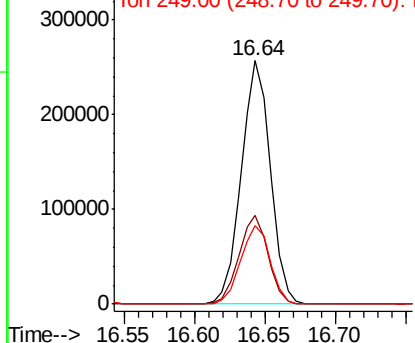
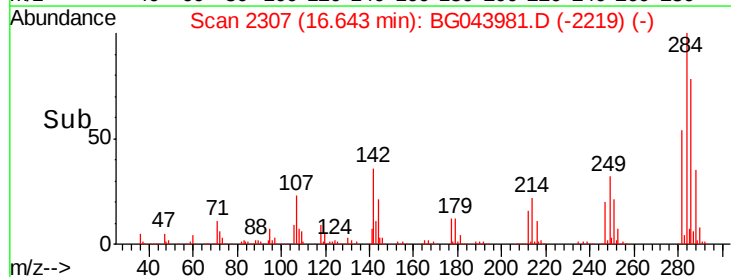


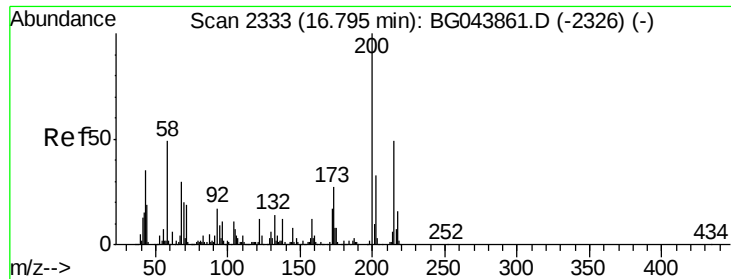
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





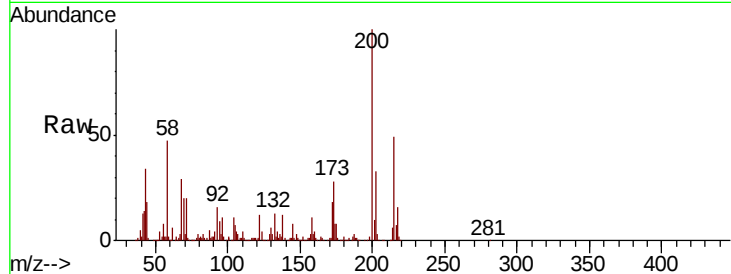
#69
Atrazine
Concen: 58.599 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	373909		
173	27.8	6.6	46.6	
215	49.0	28.6	68.6	

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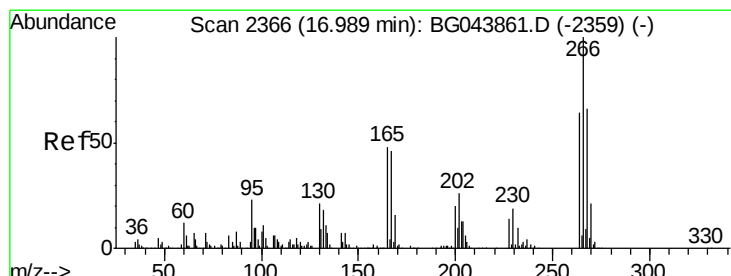
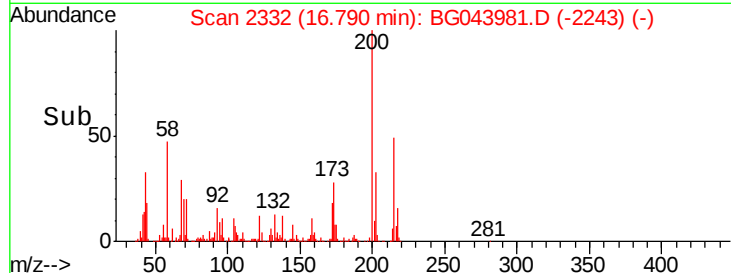
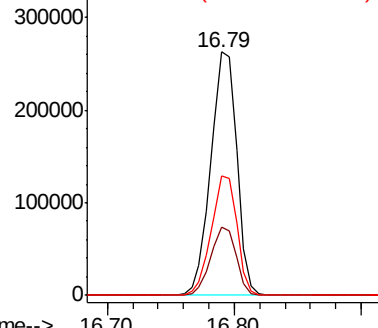


Abundance

Ion 200.00 (199.70 to 200.70): E

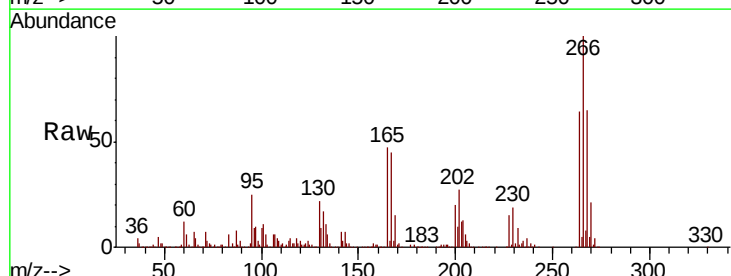
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 92.591 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	412321		
268	64.9	52.6	79.0	
264	63.6	50.8	76.2	

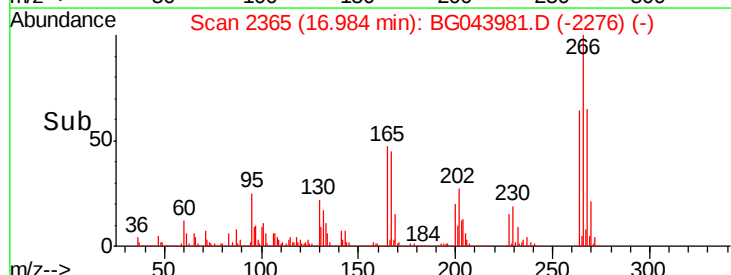
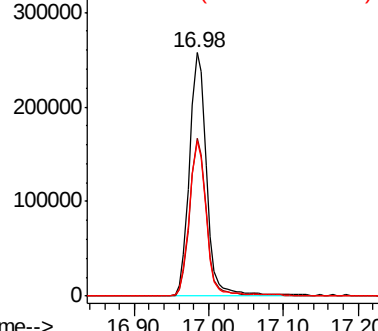


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





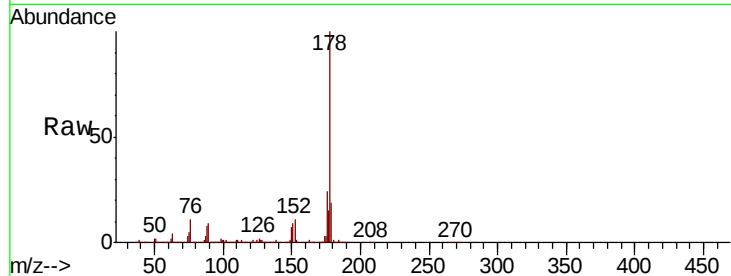
#71
Phenanthrene
Concen: 50.162 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

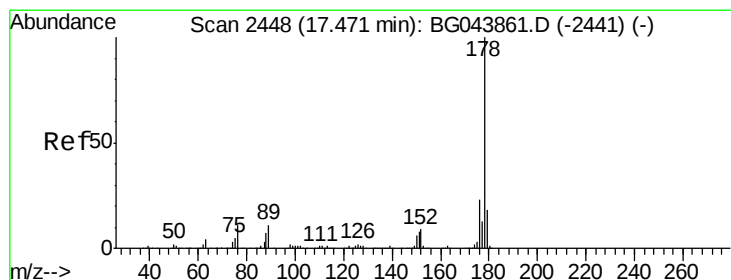
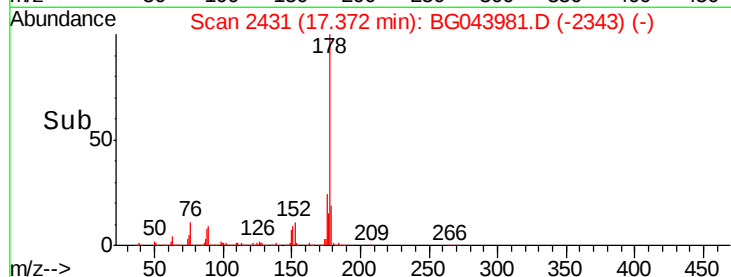
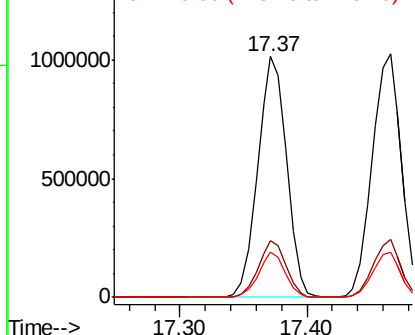
Tot Ion:178 Resp: 1603824
Ion Ratio Lower Upper
178 100
176 23.6 18.6 28.0
179 18.7 14.4 21.6

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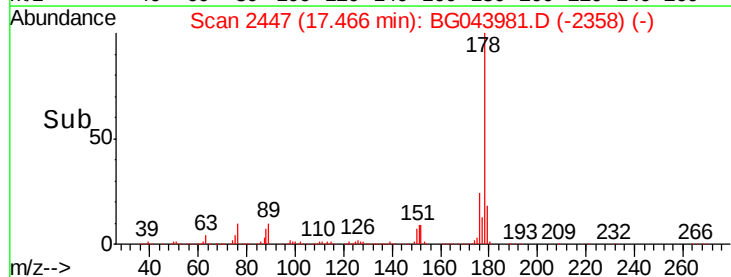
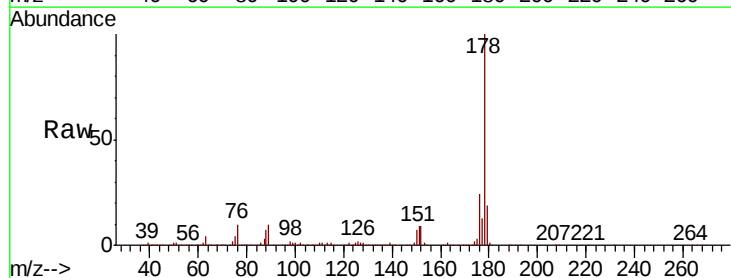
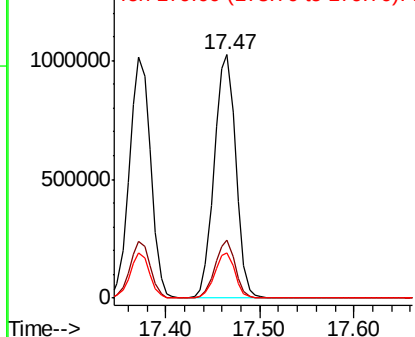
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

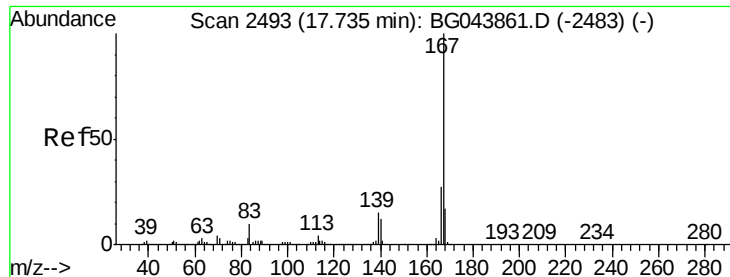


#72
Anthracene
Concen: 52.269 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:178 Resp: 1651611
Ion Ratio Lower Upper
178 100
176 23.7 18.3 27.5
179 18.5 14.6 22.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





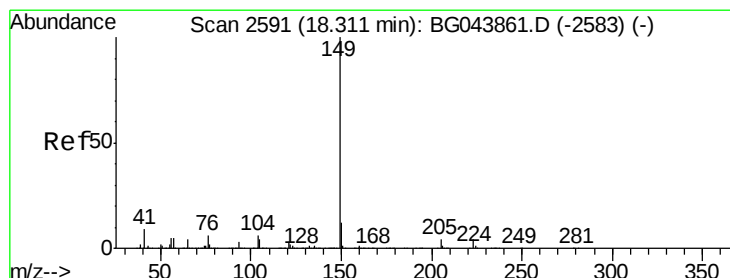
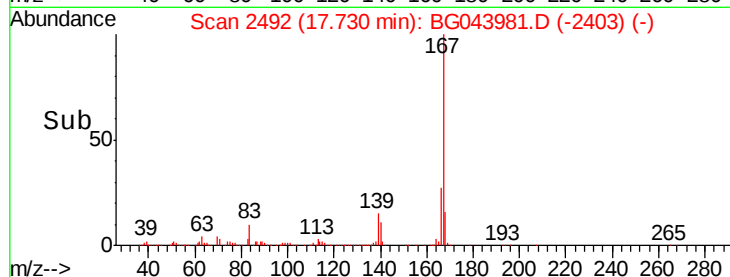
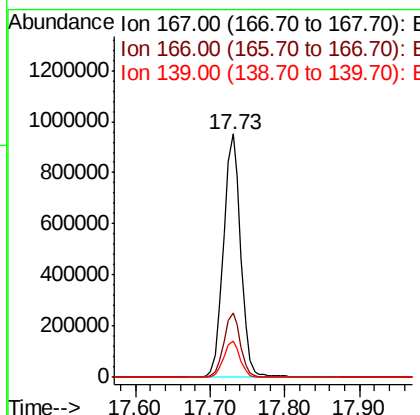
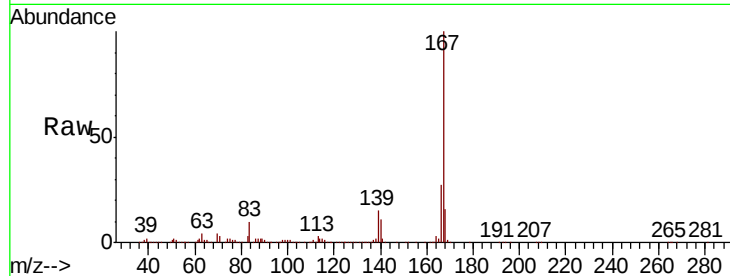
#73
 Carbazole
 Concen: 52.738 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	26.6	21.6	32.4	
139	15.0	12.1	18.1	

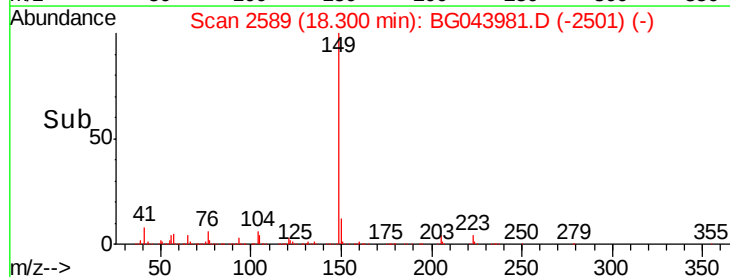
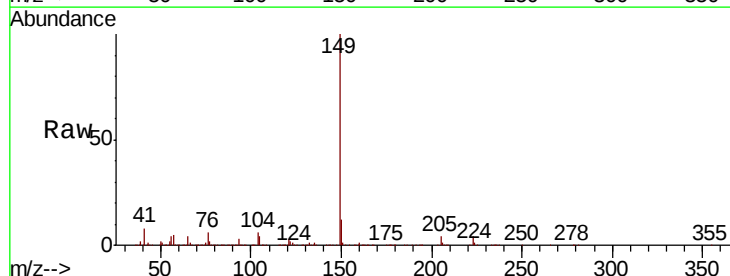
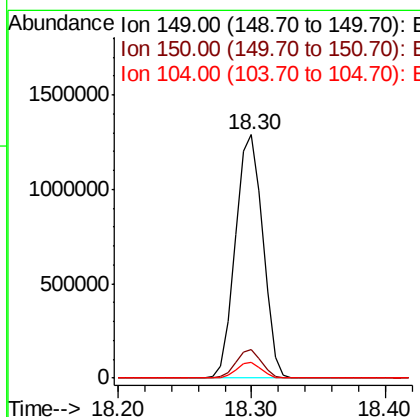
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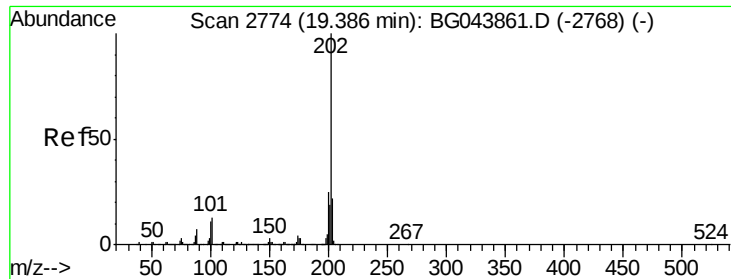
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#74
 Di-n-butylphthalate
 Concen: 49.385 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	12.0	9.7	14.5	
104	6.2	5.0	7.4	





#75

Fluoranthene

Concen: 50.258 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

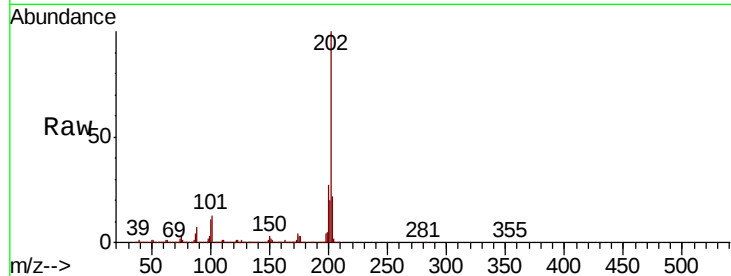
ClientSampleId :

TR-04-010620MS

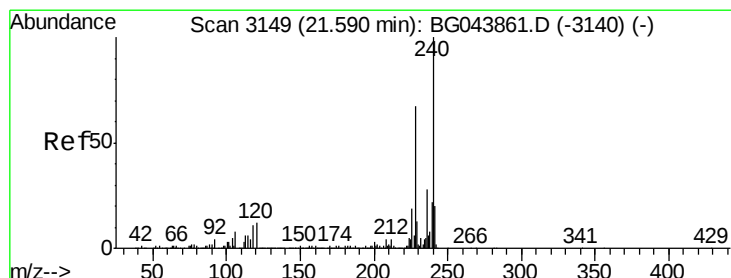
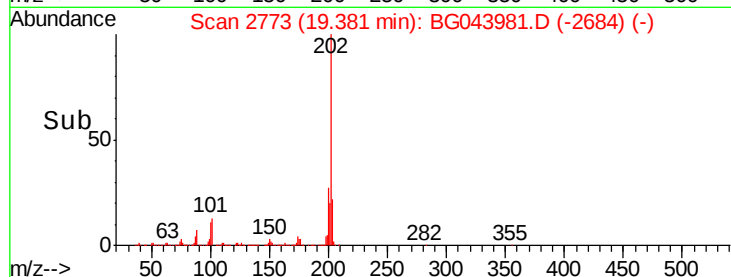
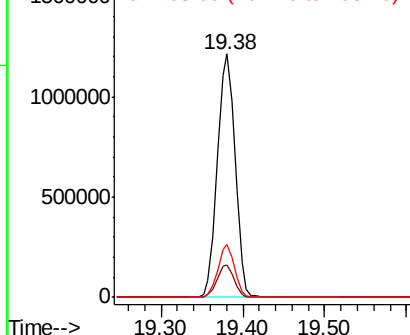
Tot Ion:	202	Resp:	1837718
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.3
203	22.0	1.6	41.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

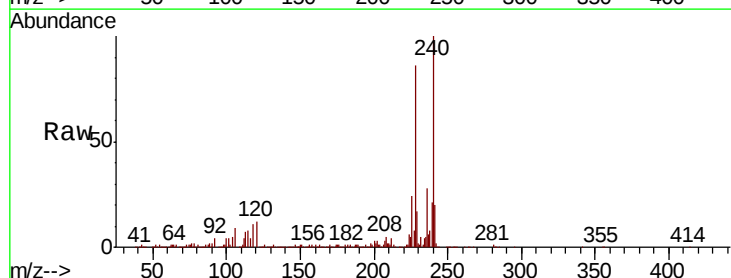
RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

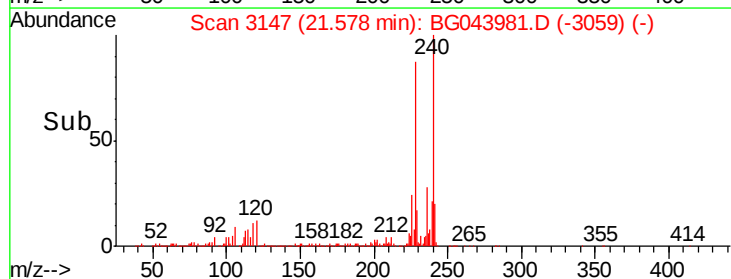
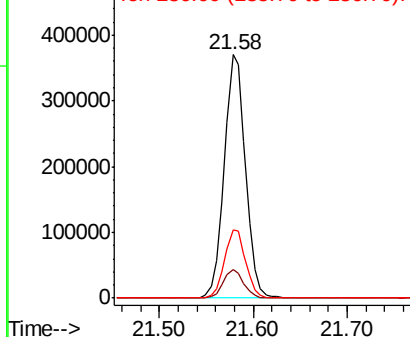
Lab File: BG043981.D

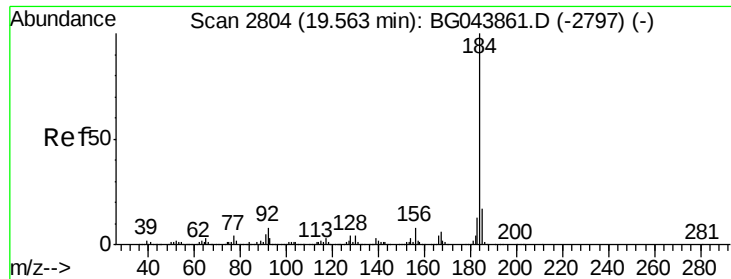
Acq: 9 Jan 2020 1:15

Tgt Ion:	240	Resp:	579241
Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	28.3	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.496 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

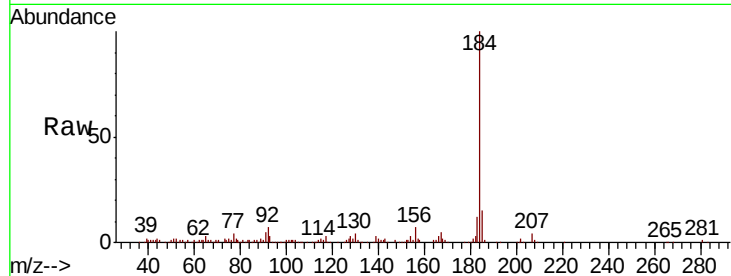
ClientSampleId :

TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.0
183	12.0	10.6	15.8

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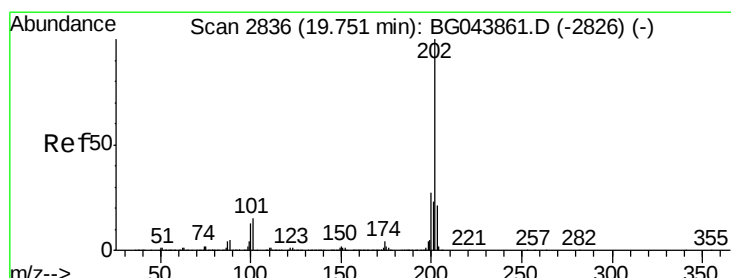
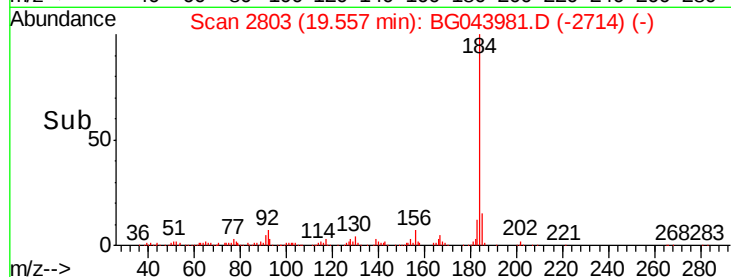
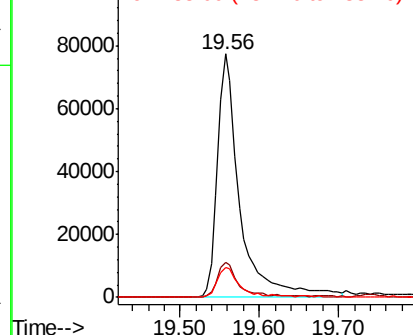


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.378 ng

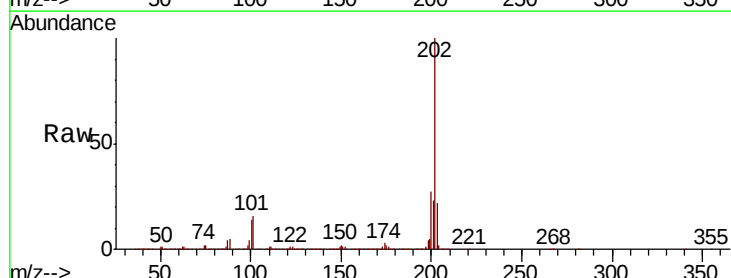
RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.1	21.7	32.5
203	21.9	17.0	25.6

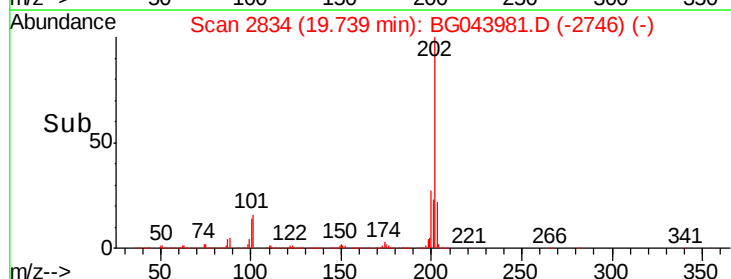
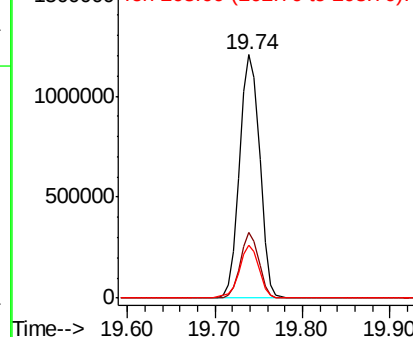


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





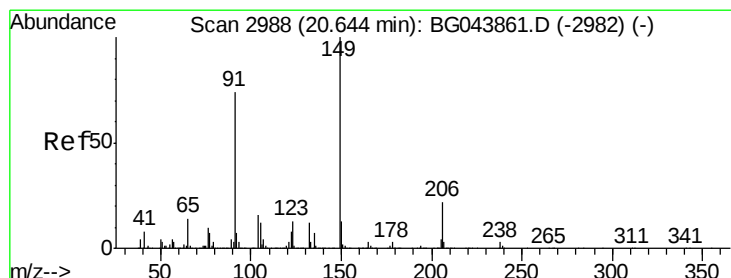
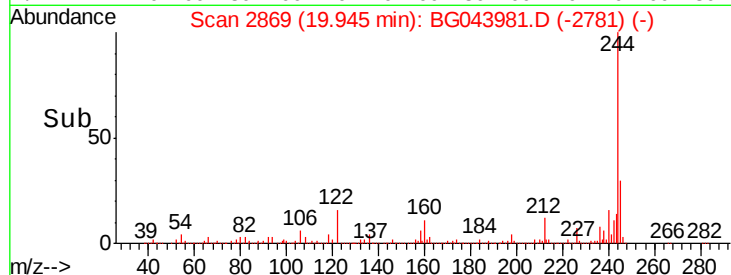
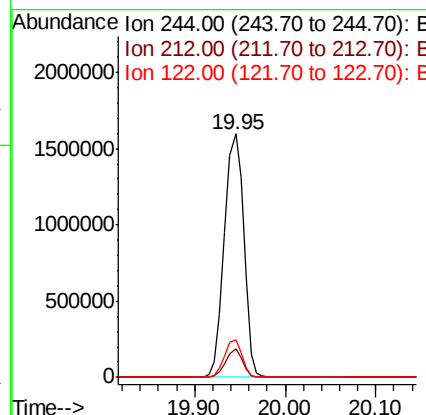
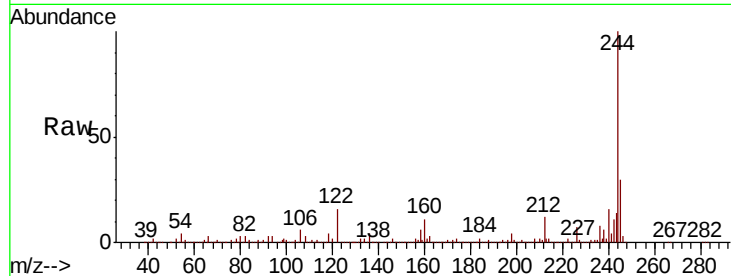
#79
 Terphenyl-d14
 Concen: 105.000 ng
 RT: 19.95 min Scan# 2869
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.6	13.0
122	15.6	11.9	17.9

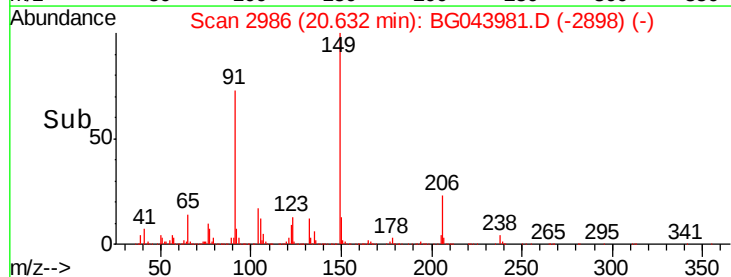
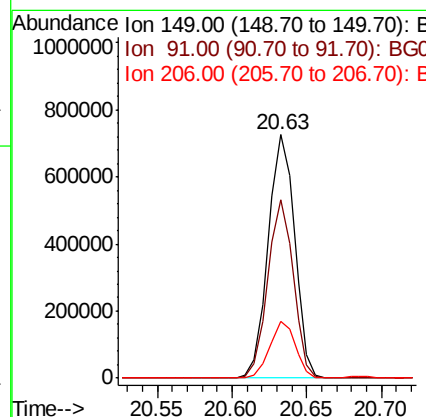
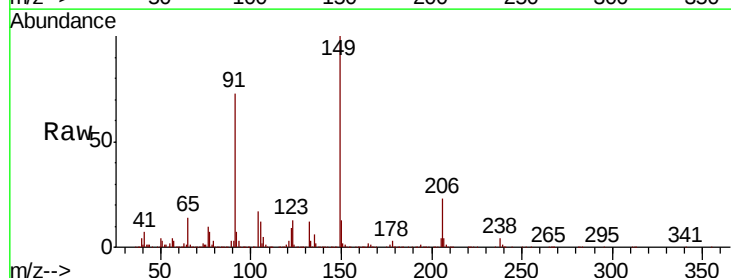
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 49.524 ng
 RT: 20.63 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	59.5	89.3
206	23.1	17.8	26.6





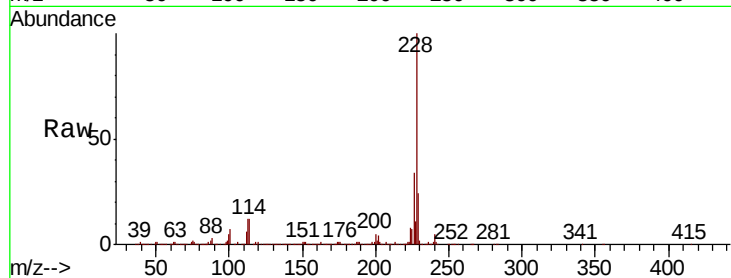
#81
Benzo(a)anthracene
Concen: 49.685 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.2	39.4
229	24.2	18.9	28.3

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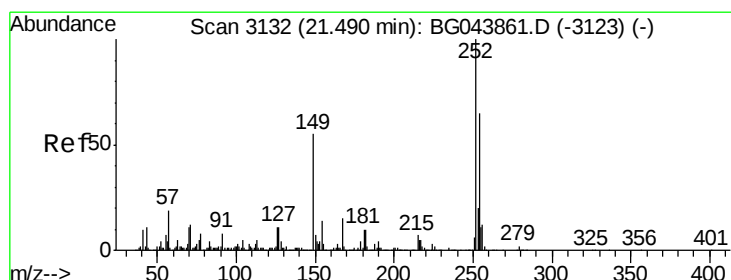
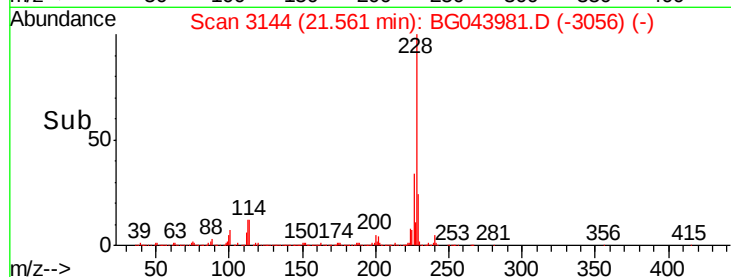
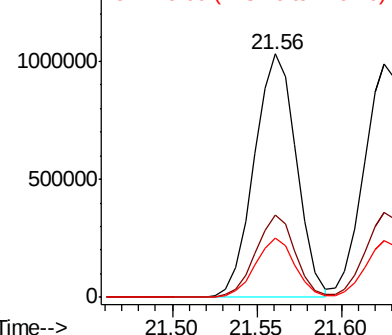


Abundance

Ion 228.00 (227.70 to 228.70): E

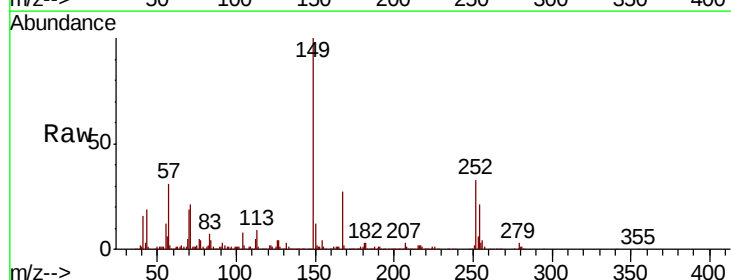
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 14.540 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.1	78.1
126	11.3	9.1	13.7

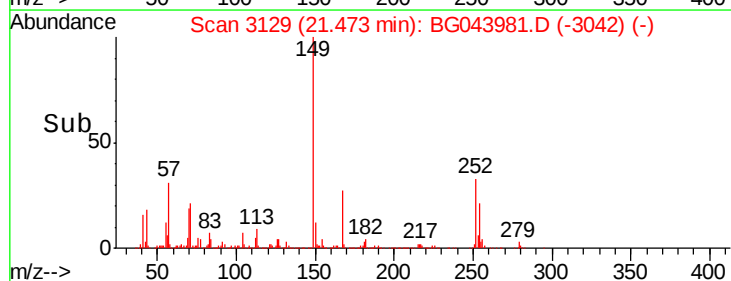
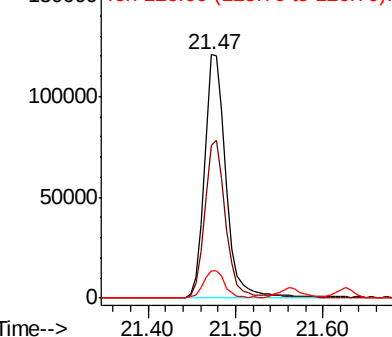


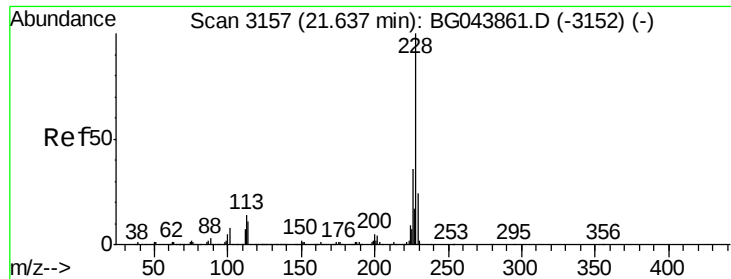
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





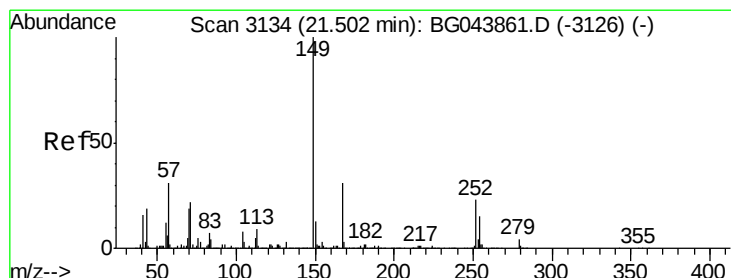
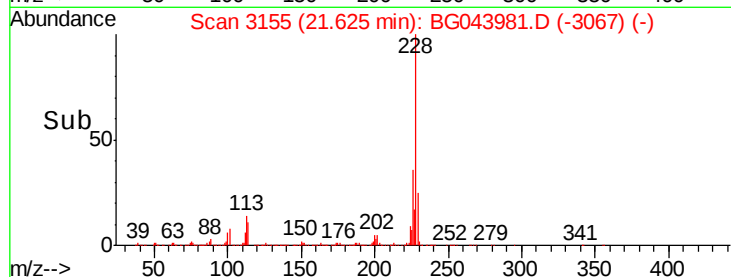
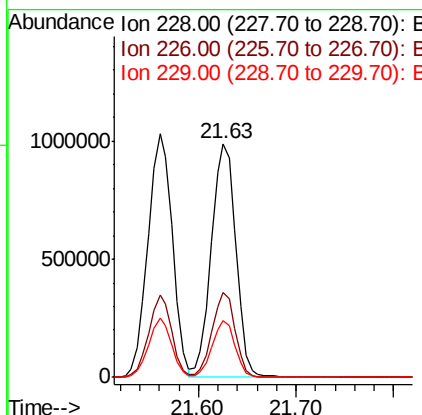
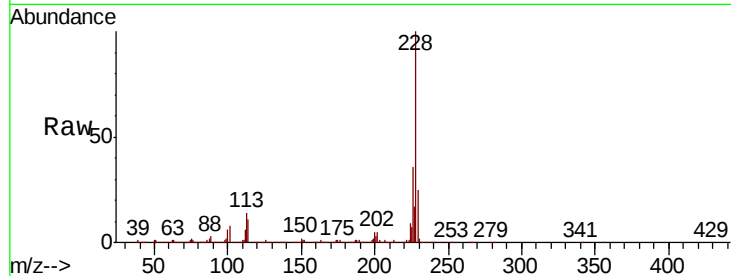
#83
Chrysene
Concen: 50.374 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.1	28.8	43.2
229	24.5	19.0	28.6

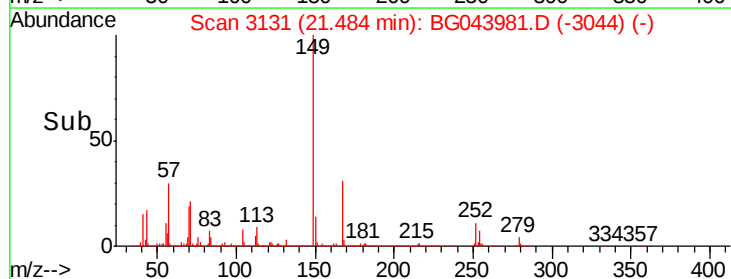
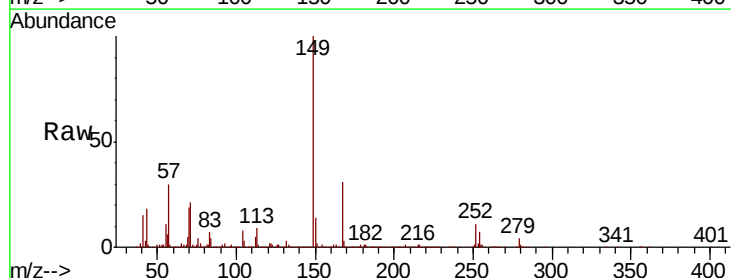
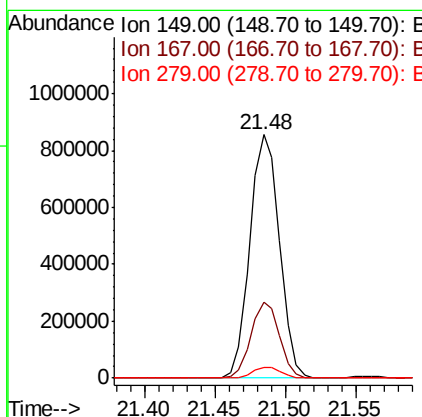
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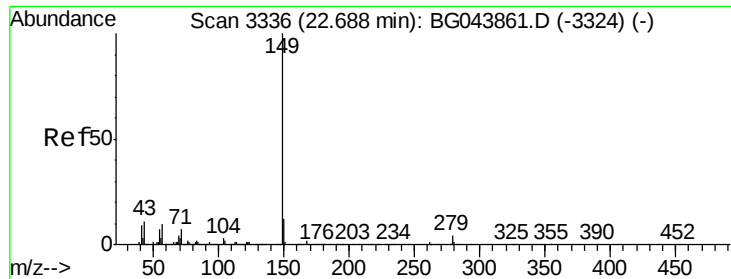
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.584 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.7	37.1
279	4.4	3.3	4.9





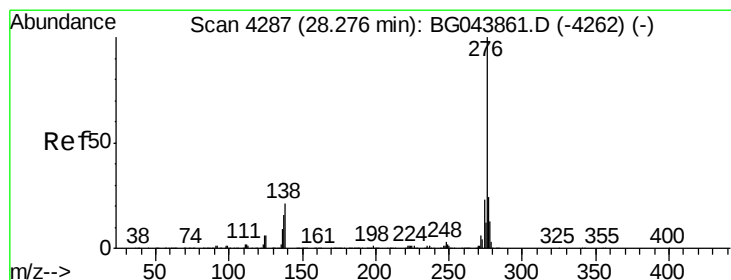
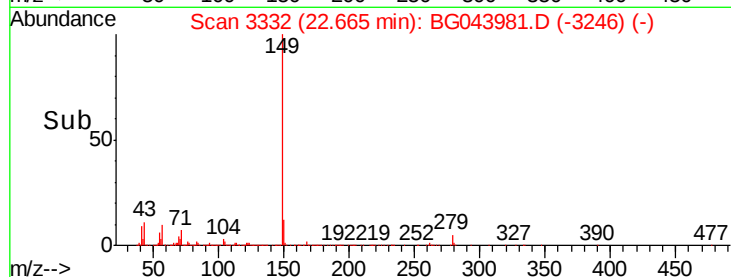
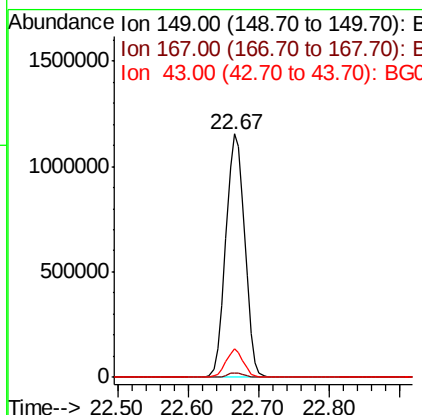
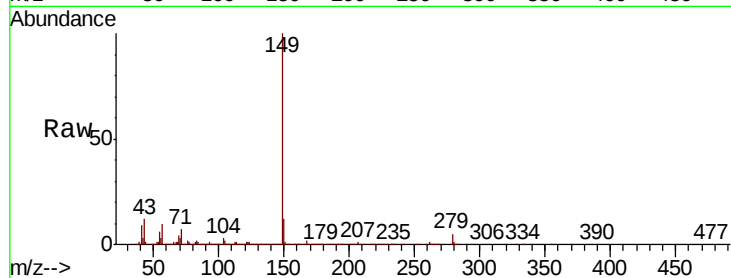
#85
Di-n-octyl phthalate
Concen: 51.211 ng
RT: 22.67 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.5	8.8	13.2

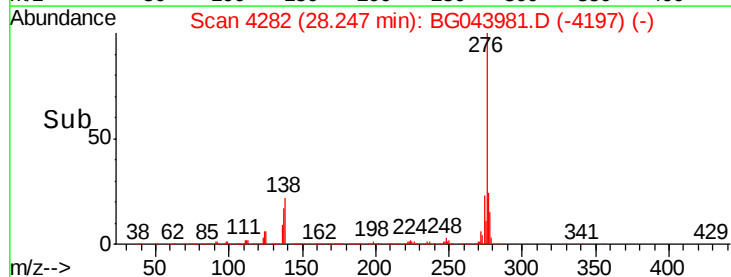
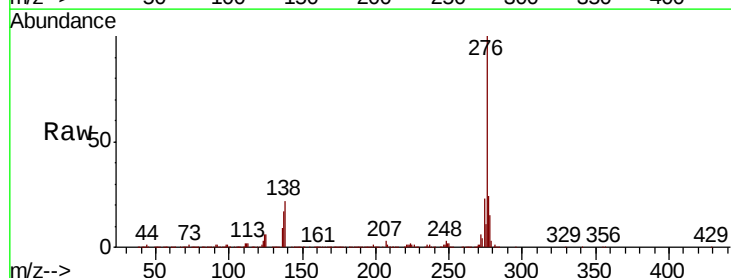
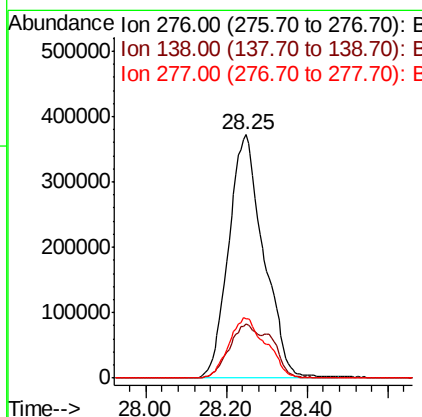
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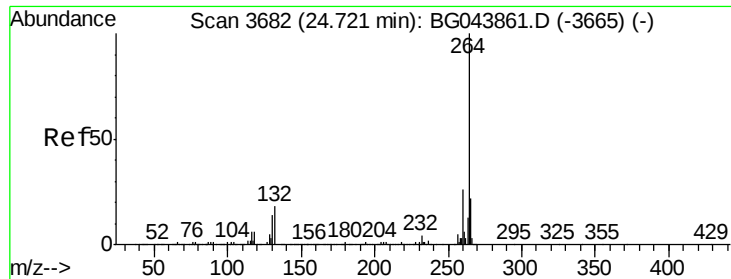
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.519 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.03 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	21.0	31.4#
277	26.2	21.1	31.7





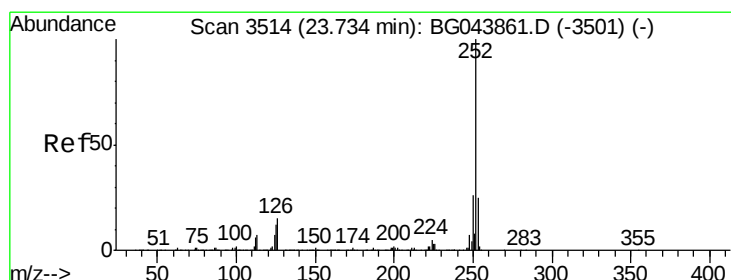
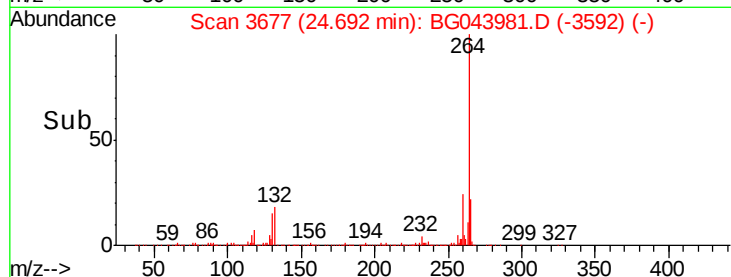
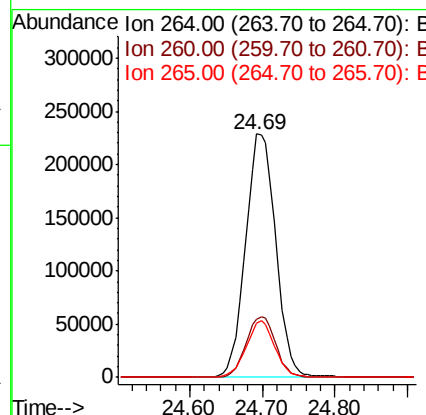
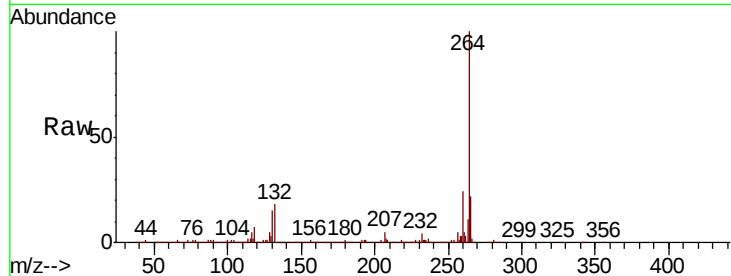
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.4	30.6
265	22.3	17.4	26.2

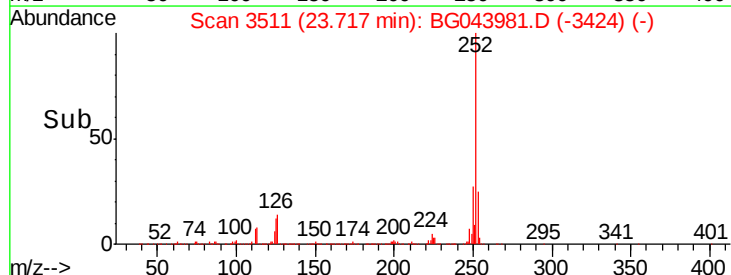
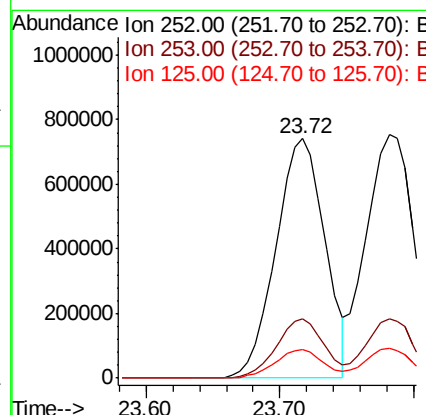
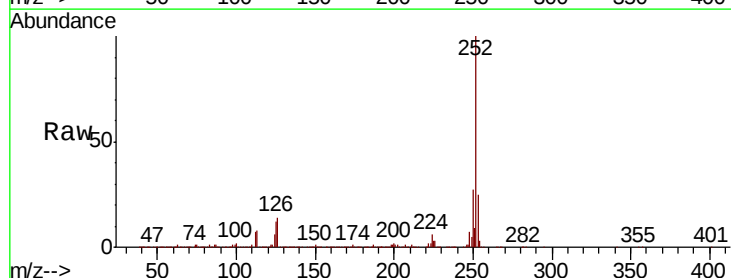
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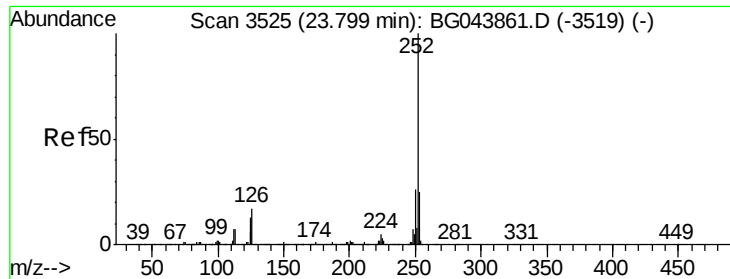
mohammad
1/9/2020 12:10:10 PM



#88
Benzo(b)fluoranthene
Concen: 48.207 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.7	29.5
125	11.8	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 50.648 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

Tot Ion:252 Resp: 1885062

Ion Ratio Lower Upper

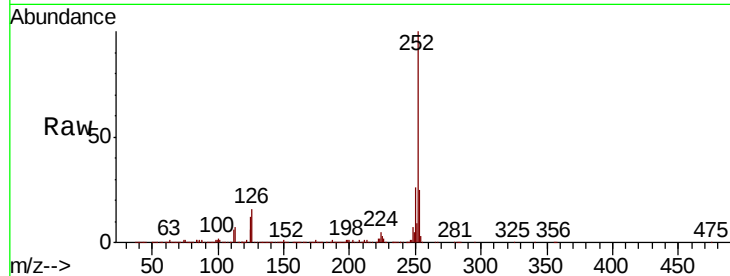
252 100

253 24.6 19.4 29.2

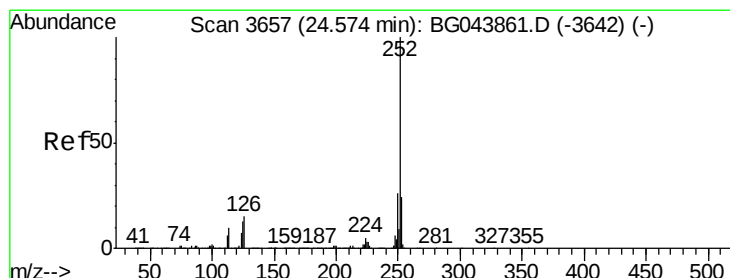
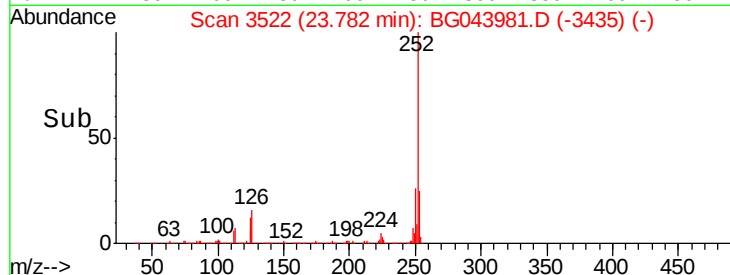
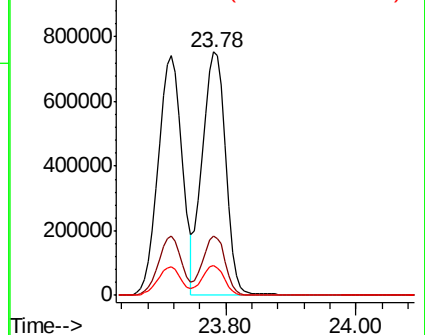
125 12.2 9.9 14.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.711 ng

RT: 24.56 min Scan# 3654

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:252 Resp: 1762465

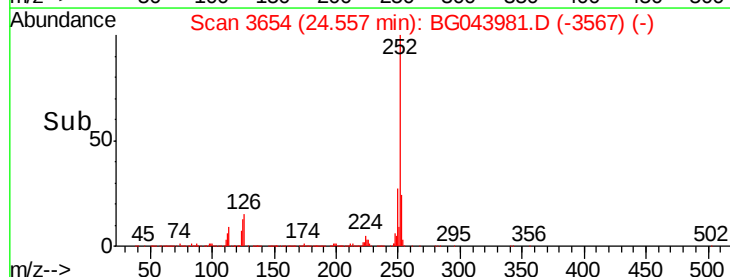
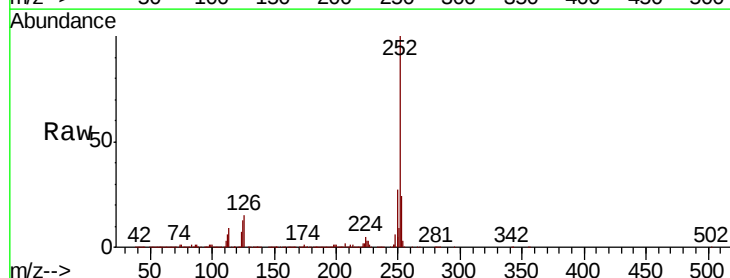
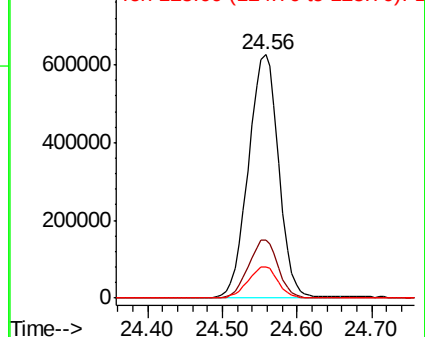
Ion Ratio Lower Upper

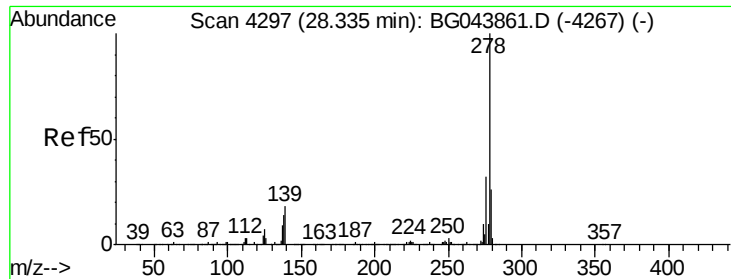
252 100

253 23.8 19.3 28.9

125 12.7 10.4 15.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.316 ng

RT: 28.31 min Scan# 4292

Delta R.T. -0.03 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

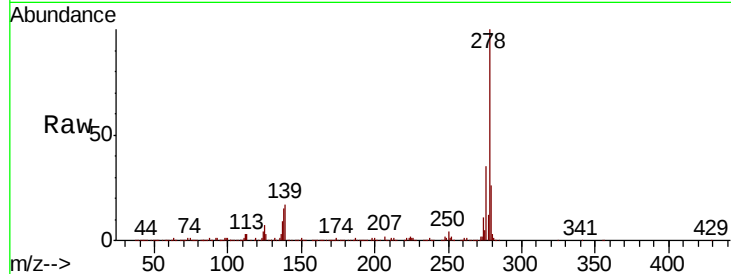
ClientSampleId :

TR-04-010620MS

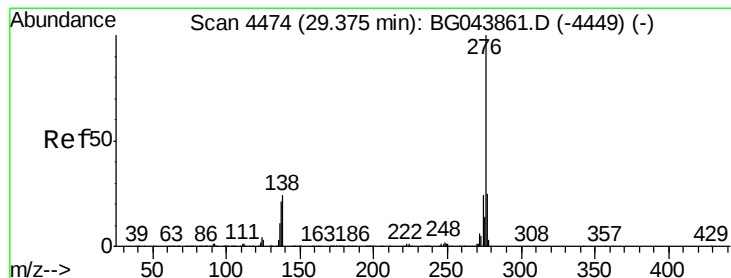
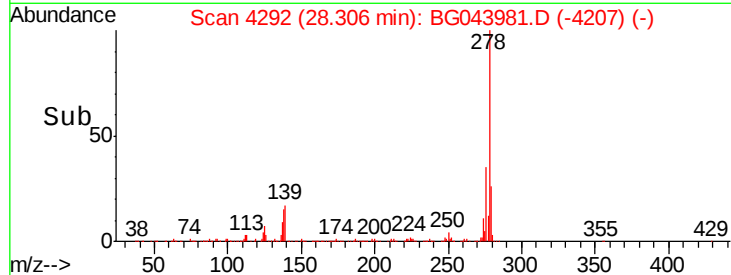
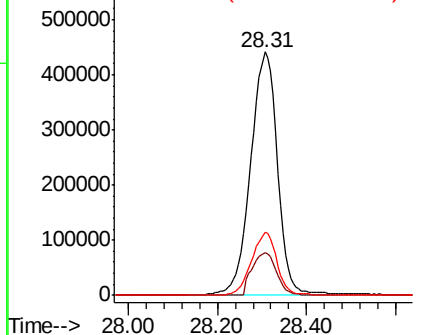
Tot Ion:	278	Resp:	1829581
Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.2	21.4
279	26.0	20.6	30.8

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.487 ng

RT: 29.35 min Scan# 4469

Delta R.T. -0.03 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:	276	Resp:	1860478
Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	23.4	19.0	28.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

